National Pollutant Discharge Elimination System (NPDES)

Construction General Permit Compliance Evaluation Inspection Report

Burma Road Gotham Bay Road to Junction SH 97 Coeur d' Alene, Idaho

NPDES Permit Tracking Numbers: IDR12C962, IDR12C968 and IDR12C974

Inspection date: March 25, 2014 Report completion date: May 21, 2014

Prepared by:

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Office of Compliance and Enforcement
Inspection and Enforcement Management Unit
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I. Facility Information

Project Name: Burma Road – Gotham Bay Road to Junction SH 97

Project Location: Burma Road – Milepost 100 to 102.79

Latitude/longitude: 47.575055/-116.782578 to 47.586314/-116.744545

NPDES Tracking No.: IDR12C962 (Operator #1)

IDR12C968 (Operator #2) IDR12C974 (Operator #3)

Project Nature: Widen and pave 2.75 mile (approximate) stretch of gravel

road between SH 97 and Gotham Bay Road

SIC Code: 1611 – Highway and Street Construction

Operator #1: Local Highway Technical Assistance Council (LHTAC)

3330 Grace Street Boise, ID 83703

Operator #2: East Side Highway District (ESHD)

6095 Mullan Trail Road Coeur d' Alene, ID 83814

Operator #3 Apollo, Inc.

1133 E. Columbia Drive Kennewick, WA 99336

LHTAC Representative(s)

(Operator #1):

Karissa Hardy, P.E. Environmental. Engineer 208-344-0565 (office); 208-841-2153 (cell)

khardy@lhtac.com

ESHD Representative(s)

(Operator #2):

John Pankratz, Supervisor; 208-765-4714

jp@imaxmail.net

Apollo Representative(s)

(Operator #3)

John Oldham Jr.; Project Superintendent 509-947-1799; joldhamjr@apollo-gc.com

Brett Brown; Project Engineer

509-947-4309; brettb@apollo-gc.com

Tony McCullough, Project Foreman

509-947-1084; tmccullough@apollo-gc.com

Other representative(s): **David Evans and Associates, Inc.** – LHTAC subcontractor

663 W. Canfield Avenue Coeur d' Alene, ID 83815

David Suhr, P.E.; Construction Engineering Group Leader

208-635-7094; <u>djsu@deainc.com</u> Randy Durland – DEA Lead Inspector 208-635-7117; rjdu@deainc.com

Resource Planning Unlimited, Inc. (RPU)

Apollo subcontractor 1406 East F. Street Moscow, ID 83843

Shelly Gilmore; RPU owner/operator; Certified Professional in Erosion and Sediment Control; Environmental Consultant

208-883-1806; rpu@turbonet.com

Construction Start Date: April 1, 2013

Total Disturbed Acres: 28 acres/linear project approximately 2.79 miles long

Receiving water(s)

Turner Creek, with discharge to Lake Coeur d' Alene

II. <u>Inspection Information</u>

Inspection Date(s): March 25, 2014

Inspector(s): Patrick Stoll, Environmental Scientist (lead inspector)

EPA Region 10/OCE/IEMU/IOO

(208) 378-5772

Tony Davis, Senior Environmental Employee (assisting)

EPA Region 10 (206) 553-8322

Entry Time: 9:50 am Exit Time: 5:30 pm

Weather Conditions: Overcast with temps in upper 40's to mid 50's (Fahrenheit)

Purpose: Verify compliance with the requirements of the Clean Water

Act and follow up on reports involving sediment laden runoff

from the site to Turner Creek and Lake Coeur d' Alene.

Information Sources: The information gathered during this inspection was

provided by the various representatives noted in Section I.

Report prepared by: Patrick Stoll, Environmental Scientist

EPA Region 10/OCE/IEMU/IOO

(208) 378-5772

III. Project Background

State Highway (SH) 97 follows the irregular shoreline along the east side of Lake Coeur d' Alene from its intersection with Interstate 90 near the northeast end of the lake to its junction with SH 3 near the lake's southeastern end. Burma Road provides an alternate (i.e., shorter) cross-country route that bypasses a longer, irregular portion of the SH 97 shoreline route (see Photo 3).

Burma Road is approximately five miles in length. Though the road is heavily traveled, less than half is paved. The remaining portion (approximately 2.8 miles from the junction with Gotham Bay Road to SH 97) is gravel. The gravel portion is narrow, winding, and parallels Turner Creek for much of its length (see Photo 4). The primary focus of the Burma Road project is to widen and pave the gravel section. Throughout its entire length, the project involves a number of road cuts into steep hillsides.

The Burma Road project began in 2004 when the East Side Highway District (ESHD), a consortium of nine highway districts and the Kootenai County Road Department, teamed up with the Local Highway Technical Assistance Council (LHTAC) in Boise, Idaho to develop a grant application for funding from the Federal Highway Administration (FHWA) to cover improvements to Burma Road. ESHD, the local sponsor for the project, was required to provide a 7.75% funding match. The grant application was approved in 2004. As part of a stewardship agreement with the Idaho Transportation Department (ITD), the federal funding would pass through ITD to LHTAC. LHTAC would provide project oversight and funding administration.

As part of the organization's oversight responsibility, LHTAC developed and announced a Request for Proposals (RFP) soliciting bids for the development of engineering designs for the Burma Road project. A committee composed of LHTAC and ESHD representatives selected J-U-B Engineers, Inc. (JUB) in Coeur d' Alene, Idaho to develop the project design plans. The selection was reportedly made on the basis of JUB's proposal and qualifications. JUB, in turn, contracted with Terracon Consulting Engineers and Scientists (Terracon) in Boise to conduct a geotechnical investigation of the project area. Once the design plans were complete and approved, LHTAC issued a follow-up RFP for the purpose of selecting a road construction

contractor to implement JUB's engineering design. Apollo, Inc. (Apollo), based in Kennewick, WA, was selected as the contractor for the project on the basis of the company's low bid.

For the purpose of compliance with EPA's 2012 Construction General Permit (CGP), three separate operators are identified as controlling participants in the Burma Road project - LHTAC, ESHD, and Apollo. Each operator submitted an electronic Notice Of Intent (eNOI) seeking coverage under the CGP on February 11, 2013 (see Appendix B). Work on the Burma Road project began with clearing and the installation of BMPs (best management practices for erosion and sediment control) on April 1, 2013. Road construction began early in May, 2013.

Concerns about erosion and sediment control from the project were brought to EPA's attention in September 2013. On September 30, 2013, June Bergquist, a Water Quality Compliance Officer with the Idaho Department of Environmental Quality (IDEQ), sent me photos of turbid water flowing from Turner Creek into Lake Coeur d' Alene. According to Ms. Bergquist, the turbidity was related to stormwater runoff from the project area. From the mouth of Turner Creek, a visible plume flowed for some distance into the lake (see Photos 8a-8b). That same day, Maria Lopez, Bill Stewart, and I met with ITD stormwater program staff members Sue Sullivan, Brad Wolfinger, and Caleb Lakey at IDEQ's state office to discuss stormwater issues. The meeting was hosted by IDEQ staff person Miranda Adams. During this meeting, the ITD staff members acknowledged that there were some erosion and sediment control problems at the Burma Road project site. They also wanted to make it clear that the stewardship agreement between ITD and LHTAC limited ITD's involvement in the project – that ITD was not an "Operator" as defined in the CGP. A few days later, I received additional photos from Ms. Bergquist (dated 10/10/2013) documenting the beginning of slope failures that had occurred since the site had undergone final stabilization a few days earlier (see Photos 11-12).

On March 14, 2014, I (and others within EPA) received an email from ITD Stormwater Compliance Coordinator Brad Wolfinger. The email included an attached "Notice of Potential Violation of the Construction General Permit (NOPV)", an internal document developed by ITD to report potential violations and/or prohibited discharges from a construction project site. The document, prepared by Jeremy Jenkins (Apollo) and Karissa Hardy (LHTAC), described a series of slope failures that had occurred at the Burma Road site on March 5, 2014. The failures reportedly coincided with a significant rainfall event in the area. Prior to receiving the NOPV from Mr. Woldfinger, June Bergquist had sent me a series of photographs she had made at the Burma Road site on March 7, 2014, two days after the events summarized in NOPV forwarded to me by Wolfinger. The photos documented a number of issues on the Burma Road project including slope failures at various locations throughout the project, the discharge of turbid runoff to Turner Creek, and a visible plume of turbidity extending from the mouth of Turner Creek into Lake Coeur d' Alene (see Photos 15-22).

As it became increasingly obvious that there were significant and ongoing erosion and

sediment control issues at the Burma Road project site, EPA's Region 10 NPDES Compliance Unit (NCU) requested an inspection to gather more information about the site and to verify compliance with the requirements of the CGP.

III.A. Project Background - ITD Stormwater Compliance Inspection Reports

I am providing this information to help the reader understand a key set of documents associated with this report. Part 4 of the CGP requires the operator(s) to conduct selfinspections on a 7-day or 14-day schedule. The Burma Road project specifications dictated the 7-day schedule along with an additional inspection within 24 hours of a storm event of 0.25 inches or greater (this is reportedly a common requirement for ITD projects). The Burma Road operators are using an ITD form labeled Stormwater Compliance Inspection to record the inspection results. The completed form serves as the inspection report for each day an inspection is conducted. In addition to using the ITD inspection form, operators are also using the ITD format for numbering the report form; each report has a district number (ITD highway district 1 in this case) a key or project code (09462 for Burma Road) and an inspection number. Henceforth, I will be referring solely to the inspection number to identify each Stormwater Compliance Inspection report. A total of 78 self-inspections (422 pages) have been recorded since the start of the Burma Road project up to the date of this inspection (this includes the additional inspection reports triggered by rainfall events exceeding 0.25 inches). A copy of all inspections is included on the Burma Road CGP/CEI CD developed to accompany this report.

The *Stormwater Compliance Inspection* reports make numerous references to "*stations*". On a road construction project such as this, location markers or "stations" are established as reference points. Each "station" refers to the distance from the start of the road project; stations are measured and marked in the field by a surveyor and used later when developing and implementing the project's design plans. They also serve as reference points to identify problems areas during the self-inspection.

The contractual arrangement between LHTAC and Apollo stipulates that actual road construction on the site can only take place between April 15 and October 15 unless a waiver is authorized. Until completed, the project is considered to be in a "winter shutdown" phase during the period between October 15 and April 15. According to Ms. Hardy, the contactor was required to continue conducting stormwater inspections, during the winter shutdown, in accordance with the schedule outlined above. Work to maintain and/or repair BMPs and other erosion and sediment control measures is also authorized during the winter shutdown phase.

III.B Project Background – Discharges to Waters of the United States

The Burma Road project has experienced a number of discharges of sediment laden runoff to the waters of the United States. Four of these discharges were reported to EPA using the ITD NOPV form described previously in this report (copies of the NOPVs are included in Appendix C of this report). The discharges reported on the NOPVs occurred on 09/24/2013, 09/29/2013, 10/08/2013, and 03/05/2014.

Part 5.2.1.2 of the CGP requires a notification to EPA by the end of the next work day when stormwater discharges fail to meet applicable (Idaho) water quality standards. The discharges that occurred on 09/29/2013 and 10/08/2013 were not reported to EPA until at least 2 days after the discharge.

Additional discharges occurred during the week after the 03/05/2014 discharge - these discharges were reported on the weekly updates requested by EPA.

III.C. Project Background – Slope Failures

Slope failures, the sloughing of saturated soil from the face of the unstabilized steep slopes throughout the Burma Road project area, have been one of the primary water quality concerns associated with this project. Stormwater runoff from locations throughout the project area could conceivably transport heavy loads of sediment (the soil mass sloughed from the face of the failed slopes) into Turner Creek and, subsequently, to Lake Coeur d' Alene. The first of the slope failures reported to EPA appears to have occurred on September 28, 2013. With the exception of the month of December, 2013, slope failures continued to occur on the Burma Road project from October 2013 through March 2014.

IV. On-Site Compliance Evaluation Inspection

This was an announced inspection. On Friday afternoon, March 21, 2014, I left a message on Karissa Hardy's cell phone to inform her that I planned to conduct an inspection at the Burma Road project site on Tuesday, March 25, 2014 to verify compliance with the requirements of the CGP. I invited her to call me at home over the weekend if she had any questions about the inspection. I eventually spoke with Ms. Hardy and learned that she planned to be present at the site for the inspection. I suggested that she notify and invite representatives associated with the other operators as well. She assured me they would be present. We agreed to meet at the Burma Road project management site on Carlton Bay Road at 9:00 am Tuesday morning.

On Tuesday morning, March 25, 2014, I arrived at the IDEQ office to meet with June Bergquist shortly after 8:00 am. Ms. Bergquist had planned to join me for the Burma Road inspection. It turned out that Ms. Bergquist had a dental emergency and would not be able to meet me at the site until later in the day. I then contacted Tony Davis, a Senior Environmental Employee working on behalf of EPA from EPA's Coeur d' Alene office. Mr. Davis agreed to join me on the Burma Road inspection.

V. Opening Conference

Coordinating the arrangements with Mr. Davis created a brief delay in the planned inspection schedule. I contacted Ms. Hardy at the Burma Road site to let her know I

was running about half an hour late. Mr. Davis and I arrived at the site at 9:30 am. We were greeted by Ms. Hardy who led us into one of the construction trailers where the other participants were awaiting our arrival. I introduced Tony and myself to those present around the table. I then presented my inspection credentials. Given the number of people in attendance, I choose to read the authorization statement from the credentials out loud so there would be no confusion about whether or not this was an official visit. Each of the operator representatives (listed in **Section I**, *Facility Information*) then identified himself or herself and described their respective role(s) in the project.

Upon completion of the introductions, I explained the reasons for the inspection and described how I expected it to proceed. I noted that EPA was very concerned about the many reports involving slope failures and subsequent discharges of sediment to Turner Creek and Turner Bay, particularly in light of similar problems that had occurred on the opposite side of the lake at Mica Bay a decade earlier (see Appendix D). I explained that I hoped to learn more about the background details associated with the project; the role of the three different operators and any subcontractors; the completeness and adequacy of the project's Stormwater Pollution Prevention Plan (SWPPP); and current conditions at the site.

V.A. Operators - Personnel

Karissa Hardy, PE, Environmental Engineer - LHTAC. Ms. Hardy indicated that she has worked for LHTAC as a part-time employee for a little more than two years (LHTAC itself has reportedly been around in the Boise area for 25 years). Prior to employment with LHTAC, she worked for ITD for two years. At ITD, she was responsible for stormwater compliance. Ms. Hardy appears to be the primary representative for LHTAC on this project. She has reportedly worked on 50-100 stormwater projects.

Todd Bartolome – Construction Engineering Manager – LHTAC. Mr. Bartolome is the Resident Engineer for the Burma Road project. While Ms. Hardy appears to be the public representative for the Burma Road project, Mr. Bartolome is ultimately in charge of the project on behalf of LHTAC. Mr. Bartolome routinely signs off on the final compliance certification on the weekly stormwater inspections. Mr. Bartolome was not present at the Burma Road site during this inspection.

John Pankratz – ESHD. Mr. Pankratz has reportedly been working for the ESHD since 1994; as a supervisor since 2002. The ESHD was formed in 1971 after consolidation of 9 highway districts and the Kootenai County Road Department.

Apollo, Inc. A number of employees have represented Apollo on the Burma Road project since the project was awarded in 2012. **Tom O'Neil** (509-947-0356) was the project superintendent from the beginning of the project until March 10, 2014 (shortly after the major slope failures began occurring earlier in the month). Mr. O'Neil was

replaced by **John Oldham**, **Jr**. Another Apollo employee, **Jeremy Jenkins**, was the designated Water Pollution Control Manager (WPCM - a term frequently associated with road construction projects) from the beginning of the project until March 17, 2014. Prior to his departure from the project, Mr. Jenkins routinely signed off as the WPCM on the stormwater self-inspection reports discussed later in this report. Mr. Jenkins was also responsible for turbidly monitoring conducted in association with IDEQ's CWA 401 certification of the 404 permit. Mr. Jenkins was replaced as the WPCM by Shelly Gilmore, a subcontractor to Apollo (additional information relating to Ms. Gilmore is provided in the *Subcontractors* portion of this report). **Brett Brown** is the Apollo Project Engineer; he has been around since the beginning of the project. **Tony McCullough**, Project Foreman, began working on the Burma Road project approximately 2 weeks before this inspection. His role, in part, involves working with the new WPCM, Shelly Gilmore, conducting weekly inspections and turbidity monitoring.

Note: As part of a Consent Decree associated with ITD's role and responsibility in the Mica Bay incident, ITD developed a number of internal documents and forms used to insure compliance with the CGP (e.g., SWPPP template, inspection reports, corrective action log, etc.) on all ITD projects. The ITD documents and procedures developed in conjunction with the Consent Decree are often used on other road construction projects in Idaho, particularly if ITD has any involvement in the project.

V.B. Subcontractors

Resource Planning Unlimited, Inc. (RPU) – an environmental consulting firm based in Moscow, Idaho. **Shelly Gilmore** is the owner/operator of RPU. Ms. Gilmore is an environmental consultant working on the Burma Road project on behalf of Apollo. According to the RPU website, Ms. Gilmore is a *Certified Professional in Erosion and Sediment Control*. She replaced Apollo employee Jeremy Jenkins as the WPCM in early March, 2014. In addition to signing off on the weekly stormwater inspection reports as the WPCM, Ms. Gilmore has been responsible for making many of the recommendations for stabilizing the steep slopes since the time of the March 5, 2014 failures.

Dave Evans and Associates, Inc. (DEA) - DEA conducts routine inspections, on behalf of LHTAC, to verify that the Burma Road project is being constructed in accordance with all design specifications. **David Suhr**, PE, is the DEA *Construction Engineering Group Leader*. DEA employee **Randy Durland**, identified in the SWPPP as the stormwater team Lead Inspector, is regularly present on-site at the Burma Road project. Mr. Durland occasionally conducts or participates in the weekly stormwater inspections. DEA employees **Tony Butler** and **Teresa Neumann** have also been responsible for conducting stormwater inspections. Neither were present during this inspection.

V.C Familiarity with Mica Bay Construction Stormwater Issues

I asked the operators how familiar they were, before starting the Burma Road project, with the Mica Bay incident across the lake and the problems associated with road construction in the steep terrain surrounding Lake Coeur d' Alene.

- Karissa Hardy (LHTAC) indicated that she had been hired specifically to make sure that the same type of erosion and sediment control issues associated with the Mica Bay incident did not occur at Burma Road.
- Jon Pankratz (ESHD) said that he remembered hearing something about Mica Bay, that it had something to do with slope failures, but didn't know much more than that.
- Brett Brown (Apollo) said that he was not familiar with the Mica Bay incident. I
 asked him if Apollo had much experience with road construction involving steep
 slopes in areas similar to the Burma Road project. He admitted that he wasn't
 familiar with many similar projects but did mention some recent work Apollo
 had conducted on highway projects near Sandpoint, Idaho.

V.D. Minimizing the Disturbance of Steep Slopes – Phasing and Stabilization

Part 2.1.2.6 of the 2012 CGP requires operators to minimize the disturbance of steep slopes. Quoting from the CGP: "in cases where steep slope disturbances are required, minimizing the disturbances...can be accomplished through the implementation of a number of standard erosion and sediment control practices, such as by phasing disturbances to these areas and using stabilization practices designed to be used on steep grades". I asked the operators if the project had been phased or if any other steps had been implemented to comply with Part 2.1.2.6 of the CGP.

Brett Brown (Apollo) indicated that the project did involve separate phases. Further discussion indicated that the "phasing" Mr. Brown referred to applied to the employment of different construction techniques at different project locations as part of the project's design requirements (work category phasing) rather than any type of phasing that would actually minimize the amount of soil disturbance at any one time (partial completion/secure stabilization phasing).

Karissa Hardy (LHTAC) stated that the operators had relied upon final stabilization, using a seed-impregnated bonded fiber matrix (BFM), to satisfy the CGP Part 2.1.2.6 requirements. According to Ms. Hardy, application of the BFM was originally scheduled to begin at the end of the October 2013 construction season; the schedule was moved up in response to significant erosion problems at the site in late September, 2013 (the project SWPPP notes that application of the BFM began on October 2, 2013). When I noted that the BFM had obviously failed in many, if not most, locations, Ms. Hardy explained that a rain-on-snow event involving above average rainfall in early March 2014 had caused the failure. She noted that the unexpected and unplanned for

rain event led to groundwater seepage from the steep slopes in unexpected areas. It was this seepage, according to Ms. Hardy, that caused the BFM to separate from the slope faces which, in turn, led to slope failures at various locations throughout the project area. It is worth noting that photographs from the site, provided by June Bergquist, (see Photos 11-13) indicate that the BFM began separating from the slope faces in certain locations as early as October 10, 2013.

I had previously met Shelly Gilmore (RPU and Apollo subcontractor) at a stormwater workshop held in Post Falls, Idaho (near Coeur d' Alene). I knew that Ms. Gilmore was familiar with the challenges associated with erosion and sediment control in the Lake Coeur d' Alene area. In response to Ms. Hardy's comment concerning the use of vegetative stabilization to provide for final stabilization at the end of the 2013 construction season, I asked Ms. Gilmore if, in her opinion, vegetative stabilization could reasonably be expected to establish itself, during the winter months, on steep slopes such as those found throughout the Burma Road project area. Ms. Gilmore acknowledged that it was very difficult to establish final vegetative stabilization on steep slopes with a rocky substrate and very little topsoil (conditions that exit throughout the Burma Road project area).

Note: Section 3.1 of the Burma Road SWPPP – *Project/Site Information* (page 6) includes the following information from the subsection on Slopes: "The outer slopes along the existing road cut and foreslope are severely eroded and overly steepened in many locations. A very narrow, shallow, and sometimes non-existent ditch is located along the uphill side of the road. There is evidence of seepage out of the cut slope at many locations. The existing cut slopes are very steep and exhibit slope failures and sloughing or eroding material from the cut slope into the ditch during wetter seasons." Section 1.3 of the Burma Road SWPPP (page 1) notes that the project will adhere to the Erosion Control standard specifications outlined in ITD's Best Management Practices Manual (available online at http://itd.idaho.gov/enviro/Stormwater/BMP/default.htm) including subchapter EC-1; *Scheduling and Sequencing of Construction Activities*. This subchapter provides detailed information on applicability and recommendations for minimizing the amount of disturbed soil in sensitive areas. There is very little evidence to suggest that these recommendations, clearly applicable, were followed on the Burma Road project.

V.E. Design Plan Reviews

I asked the operators if any qualified individuals or agencies familiar with the special concerns associated with road construction projects involving the steep slopes in the Coeur d' Alene area had been provided with an opportunity to review and comment on the design plans developed by JUB. If so, I asked about any concerns that may have been expressed.

Ms. Hardy indicated that ITD had reviewed the plans and did express some initial concerns. According to Ms. Hardy, the final design plans had been modified to address

ITD's concerns and comments. When I asked if IDEQ had reviewed the plans as part of their CWA 401 certification, Ms. Hardy noted that June Bergquist had reviewed the plans and had also expressed some concerns. Ms. Hardy said that LHTAC believed that the finalized plans, plans that were based on geotechnical information provided by Terracon and incorporated ITD's comments, were sufficient to address IDEQ's concerns.

Note: As a follow-up to this inspection, I requested and have been provided with copies of the geotechnical reports and documents prepared by Terracon for LHTAC. The limited time I have spent reviewing these documents would seem to suggest that the presence of seeps throughout the project area was well known. I have provided copies of the Terracon documents on the "*Burma Road CGP/CEI*" CD (dated 03/25/2014) prepared in conjunction with this inspection report. Copies are also available in the Burma Road folder associated with this inspection on the share drive.

V.F. Corrective Action Response

The Corrective Action requirements in Part 5 of the CGP specify a number of actions that that must be implemented to "repair, modify, or replace any stormwater control used at the site" that proves to be inoperable. Part 5 also imposes a specific time frame for completing repairs or modifications. The extensive slope failures on the Burma Road project suggested that the existing stormwater control measures had failed in a dramatic fashion. Though the most significant failures appear to have occurred in early March 2014, failures in some areas became apparent as early as mid-January. I asked the operators if any individuals or contactors with erosion and sediment control experience had made any recommendations for addressing the slope failures (recommendations that could have been implemented within the 7 day timeframe specified in the Part 5 of the CGP) that were not implemented.

- Karissa Hardy told me that LHTAC had always been committed to doing
 everything possible to address the erosion problems at the site and, as the
 funding administrator, had approved all the recommendations made to address
 the slope failures. She stressed that the expenditures authorized by LHTAC were
 substantial.
- Jon Pankratz told me that he was not aware of any recommendations or remedies that had not been implemented.
- The Apollo representatives offered little information to add to this part of the discussion.

VI. SWPPP Review

The Burma Road SWPPP utilizes a SWPPP template developed by ITD as part of the Consent Decree associated with the Mica Bay incident. The ITD template is very thorough and includes a wide range of forms to be filled out (e.g., inspection forms,

corrective action forms, amendment log, training log, etc.) to satisfy the requirements of the CGP. When used by entities other than ITD, the ITD SWPPP template and its forms can be somewhat confusing since it employs terms and references specific to ITD and/or AGC - The Associated General Contractors for America (e.g., Water Pollution Control Manager, Resident Engineer, ITD Compliance Certification, etc.).

The Burma Road SWPPP is a massive document (probably more than 1000 pages in length). During my initial on-site review of the document, I noted that it was very comprehensive and appeared to contain most of the information required by the CGP. During the brief time I spent reviewing the document on-site, I noted the following deficiencies:

- Lack of training documentation. Though the training log identified individuals that had received training; noted the dates of initial training; and provided a citation referring to an ITD database containing training information, the training log in the SWPPP reviewed at the time of the inspection did not provide any information relating to the course content. It did not provide any documentation that the topics required by Part 6 of the 2012 CGP had been addressed during the training. Many of the training dates noted in the log dated back 5-10 years in the past. The log provided little or no information relating to training updates.*
- Failure to comply with the Corrective Action Requirements contained in Part 5 of the CGP. Stormwater Compliance Inspection report number 66, conducted on 1/22/2014, identified slope failures at three stations: 47+60, 66+00, and 71+40 (see Appendix E). The report notes that corrective actions were completed at the first two stations the same day as the inspection. The report also notes that the repairs to station 71+40 would be completed by 1/29/2014. Reports 67 through 69 (mistakenly marked as #68), dated 1/29/2014 through 2/12/2014, note that "A repair date has yet to be determined but will be in the near future" with respect to the slope failures at station 71+40. Subsequent inspection reports, up to and including the last inspection report developed prior to my inspection (number 78, dated 3/19/2014), fail to note any repairs or modifications at station 71+40. Part 5.2.1 of the CGP notes that "If it is infeasible to complete the installation or repair within 7 calendar days, you must document in your records why it is infeasible to complete the installation or repair within the 7 calendar day timeframe and document your schedule for installing the stormwater control(s) and making it operational as soon as practicable after the 7-day timeframe". The SWPPP appears to lack any definitive plans or schedule for implementing repairs to address specific slope failures.
- * Given the size of the Burma Road SWPPP, I knew I would not have time to conduct a detailed review of the document during the on-site inspection. I asked Ms. Hardy to provide me with a copy. Ms. Hardy stopped by the EPA Idaho Operations Office the week after the inspection to deliver the copy of the

SWPPP I had requested. The training documentation that was absent from the SWPPP at the time of the on-site portion of the inspection was included in the copy delivered to me by Ms. Hardy.

VII. Site Tour

Upon completion of my on-site review of the SWPPP, I requested a tour of the Burma Road project starting from the junction with SH 97 up to the intersection with Gotham Bay Road. As we were preparing to leave for the tour, June Bergquist (IDEQ) arrived at the site. Soon after Ms. Bergquist's arrival, at approximately 2:00 pm, we left the construction office area and drove down to the SH 97 junction near the shore of Lake Coeur d' Alene. Vehicles and drivers were provided by Apollo and DEA.

The slope failures and the efforts to address the failures were obvious throughout the length of the project (see Photos 27-47). Vast areas where the BFM had separated from the slope faces had been covered with visqueen to minimize the impact of raindrop/splash erosion. With the notable exception of the E. Litten Lane cut slope, saturated soils had been excavated from many of the slopes where worst seepage and slope failures had occurred. The slope excavations were refilled and armored with rock (see Photos 30, 32, 35). In at least one location, the slope failure and subsequent repair work required the re-stabilization of a utility pole that was in danger of falling over.

One of the most problematic areas observed during the site tour (conducted primarily on foot starting from the west end of the project at the intersection with SH 97) involved the steep cut slope along the entrance to E Litten Lane. According to the stormwater inspection reports, this slope has exhibited extensive slope failure since January, 2014 at the latest. Project engineers claim that the slope is currently too unstable to safely implement a long-term solution (there may also be an easement issues since so much of the slope has sloughed off; any long-term fix will likely require the removal of soil to reduce the angle of the slope which will, in turn, require the acquisition of property rights beyond the existing slope). As a temporary measure, "eco-blocks" (large concrete barriers made from left-over or unused concrete) have been placed along the toe of the slope to keep soil from inundating E. Litten Lane. The slope face was hydroseeded the very day of this inspection; the E. Litten Lane slope was bare when I passed it on the way to the construction site office in the morning but it was coated with the green hyroseed material by mid-afternoon. Portions of the slope had already begun to show signs of slope failure by the time the tour began (see Photos 41 and 44). A major slope failure at E. Litten Lane could result in the discharge of significant amounts of sediment to Turner Creek.

A little past the mid-point of the tour, while we were in the vicinity of the intersection with Carlin Bay Road (near the location of the temporary Burma Road construction office), June Bergquist and Tony Davis were driven back to the construction office to pick up Ms. Bergquist's vehicle so she and Tony could return to Coeur d' Alene.

As we reviewed the many slope failures that had occurred and the obvious need for

additional maintenance and repair, I asked those present if there were any corrective measures that were not currently being employed that could readily be implemented to prevent further erosion and to minimize future slope failures at the site. John Oldham and Brett Brown (Apollo) noted that the addition of more rock to some of the slide areas would help armor and stabilize the site. I asked if these materials were available. The Apollo representatives indicated that rock was available nearby. This was confirmed by Ms. Hardy.

As the tour progressed, I observed the areas on the upper portion of the Burma Road project where a soil nail wall and a mechanically stabilized earth (MSE) wall are being constructed to control erosion on some of the steeper, more sensitive slopes near the upper end of the project (these structures were part of the original Burma Road plan design). Upon completion of the tour, we returned to the construction office to conduct a closing conference.

VIII. Closing Conference

At the beginning of the closing conference, I noted that it seemed to be well known from the early stages of the Burma Road project that the steep slopes throughout the project area posed significant erosion and sediment control challenges in addition to inherent slope stability issues. Given the known presence of groundwater seeps and the history of slope failures associated with road construction in the area, it seemed apparent that more could have/should have been done to anticipate the erosion problems and to minimize the steep slope disturbances. I mentioned that it was hard to imagine that there could have been any reasonable expectation that vegetative stabilization, applied at the end of October, would take hold on the steep, rocky slopes over the course of the upcoming winter months. I expressed concerns about the potential failure to implement corrective actions at the site and/or the failure to document why it was infeasible to implement corrective actions within the time frame specified in Part 5 of the CGP. To prevent any further discharges to Turner Creek or to Lake Coeur d' Alene from the Burma Road project, I suggested that the operators implement any feasible corrective actions necessary to stabilize the site and prevent further erosion and slope failure. When asked if this meant the addition of rock armor to help stabilize some of the slopes, I replied that armoring sounded like a viable option but that it was not my role to dictate the use of any particular control measure. I did stress the importance of implementing any feasible corrective actions as soon as possible, as required by Part 5 of the CGP, to prevent or minimize any further erosion that could potentially lead to additional discharges of sediment to Turner Creek.

After discussing the slope failure issues, I noted two additional areas of concern I had identified during my brief review of the SWPPP: insufficient training documentation for all members of the stormwater team and an apparent failure to comply with the corrective action requirements outlined in Part 5 of the CGP. I also requested a complete copy of the project SWPPP from Ms. Hardy.

All the operators (LHTAC and Apollo in particular) had questions concerning the next

step in the compliance inspection process. They were also very interested in knowing what the dollar amount associated with any fines or penalties might be. I explained that my role as an inspector was solely to record my observations and document them in a report that would eventually be passed on to the NPDES Compliance Unit (NCU) in Seattle. It would up to the NCU, I explained, to determine if there were any violations of the CGP and, if so, any enforcement action(s) that might be warranted. I also explained that it could be a matter of months before any such determination would be made.

I invited the operator representatives to contact me if they had any questions about the inspection and thanked them for their time. I left the site shorty after 5:30 pm.

IX. Areas of Concern

The following areas of concern were noted during the course of this inspection:

1. Failure to minimize the disturbance of steep slopes. Part 2.1.2.6 of the CGP requires the site operator(s) to minimize the disturbance of steep slopes. Quoting from the CGP: "in cases where steep slope disturbances are required, minimizing the disturbances...can be accomplished through the implementation of a number of standard erosion and sediment control practices, such as by phasing disturbances to these areas and using stabilization practices designed to be used on steep grades". Phasing, in the context of the CGP (or sequencing as it is referred to in subchapter EC-1 of ITD's Best Management Practices *Manual*), typically involves breaking the project down into smaller, more manageable sections (or "phases") of soil disturbance with each phase partially completed (e.g., implementation of final stabilization measures) before moving on to the next phase. Section 3.3, *Nature of the Construction Activity*, of the Burma Road SWPPP specifically notes that no more than 4 acres of soil will be disturbed at one time (p.10). It appears that the only attempts that were made to adhere to the 4 acre limit involved the frequent application of mulch to stabilize disturbed areas. This was recognized and identified in the Log as a temporary stabilization measure. Starting with inspection report number 30 (08/02/2013), the stormwater inspector(s) routinely noted that heavy rains washed the mulch from the slope faces.

On Thursday, May 8, 2014 I called Brett Brown (Apollo) to ask about the stormwater inspections conducted during the winter shutdown. He told me they (Apollo) had continued conducting stormwater inspections on the regular inspection schedule. Mr. Brown also told me that the original project schedule did not call for final stabilization until October 30, 2013. Because of the slope failure problems that developed near the end of September 2013 and the fact that it was clear that the project would not be finished by the end of the construction season in October 2013, the decision was made to begin final stabilization on October 2, 2013. Prior to this time, the disturbed soils throughout the 28 acre site were essentially unstabilized. It does not appear that any special

"...stabilization practices designed to be used on steep grades" were ever implemented (or were going to be implemented) until the end of the project or the end of the construction season.

During the opening conference, Ms. Hardy had claimed that final stabilization, involving the application of the seed-imbedded BFM, did satisfy the Part 2.1.2.6 requirement to employ stabilization practice designed for steep grades. When I asked her how well the final stabilization practice had worked, she claimed that it would have been successful had it not been for the heavy rain-on-snow event that occurred on or about March 5, 2014. Ms. Hardy and Mr. Suhr (DEA) provided me with a number of local newspaper articles describing the intensity of the March 5, 2014 rainfall event. It was this event, according to Ms. Hardy, that led to the failure of the BFM and any subsequent slope failures.

Beginning with stormwater inspection report number 50 (11/08/2013) from the Burma Road SWPPP, I noted that slope failures continued to be reported on a regular basis <u>after</u> the application of the BFM. Report 65 (01/15/2014) notes that "*Numerous slope failures throughout project have been noted to expand and worsen...*" Other noteworthy inspection comments include the following:

- Report 71 (02/19/2014), Section 5 "Temporary erosion control measures on the slopes throughout the project are failing. BFM is losing and/or has lost its effectiveness." From Section 6 "Many areas of saturated slopes show signs of near future failures. A proactive approach should be taken to prevent further damage.
- Report 72 (02/25/2014), Section 6 "Hydro mulch (BFM) has and/or is losing its effectiveness. Has washed down slopes revealing bare soils beneath. Erosion controls need provided in these areas to prevent further damage to the slopes..."

The two reports noted above were conducted during or soon after rainfall events in February 2014. This would suggest that the BFM was well on its way to failure (as a final stabilization measure) before the March 2014 event described by Ms. Hardy. It is conceivable that the BMF might have worked if it had been applied sequentially upon completion of each 4 acre section of the project. The failure of the BFM, when applied to the steep, rocky slopes, slopes with little topsoil and known seepage issues, at the very end of the construction season, seems inevitable. While the worst failures appear to have occurred on or about March 5, 2014, failure of the BFM in some locations became apparent within days of its application in October 2013. It does not appear that the operators made any serious effort to comply with the Part 2.1.2.6 requirement to minimize the disturbance of steep slopes. Furthermore, it would appear that this lack of effort played a major role in the slope failures that occurred on the site.

- 2. **Failure to comply with Corrective Action Requirements**. Part 5 of the CGP outlines corrective actions that must be implemented within a specific time frame. Corrective actions are actions the operator(s) must take in compliance with Part 5 to:
 - Repair, modify, or replace any stormwater control used at the site;
 - Clean up and properly dispose of spills, releases, or other deposits; or
 - Remedy a permit violation.

When corrective actions are warranted, Part 5.2.1 of the CGP requires the operator(s) to "...install a new or modified control and make it operational, or complete the repair, by no later than 7 calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 7 calendar days, you must document in your records why it is infeasible to complete the installation or repair within the 7 calendar day time frame and document you schedule for installing the stormwater control(s) and making it operational as soon as practicable after the 7-day time frame [emphasis added]".

During my review of the Burma Road SWPPP, I noted that slope failures were observed at three separate stations during a site inspection conducted by Jeremy Jenkins and Teresa Neumann on 1/22/2014. These observations were noted on Stormwater Compliance Inspection report number. The slope failures were noted at stations 47+60, 66+00 and 71+40. The report notes that corrective actions were completed at the first two stations the same day as the inspection. With respect to station 71+40, the report notes "A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair the area will result in a near future failure". The date to be completed is listed as 1/29/2014. Reports 67 through 69, dated 1/29/2014 through 2/12/2014, note that "A repair date has yet to be determined but will be in the near future" with respect to the slope failures at station 71+40. Subsequent inspection reports, up to and including the last inspection report developed prior to my inspection (number 78, dated 3/19/2014), fail to note any repairs or modifications at station 71+40.

In this particular instance, the inspection reports make it clear that the operators did not implement immediate corrective action to address the slope failure at station 71+40. The brief notation recorded in subsequent reports also make it clear that corrective actions were not implemented within the 7-calendar days required by Part 5 of the CGP. At the time of this inspection, I could not locate, and the operators could not produce, any documentation that would explain why it was infeasible to complete repairs (slope stabilization) within the 7-calendar day timeframe. Similarly, at the time of the inspection, I could not locate, and the operators could not produce, a schedule documenting when repairs would take place.

During a more in-depth review of the Burma Road SWPPP, I came across a number of instances involving erosion and sediment control requiring maintenance that were not addressed within the timeframe specified in Part 5 of

the CGP. Stormwater inspections reports 41 through 51, dated, 09/30/2013 through 11/13/2013, are all marked with the following notation: "All maintenance requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactory completed."

3. Lack of training documentation. Part 6 of the CGP outlines a number of specific training requirements applicable to members of the project's stormwater team. Part 6 also describes specific topics that must be addressed as part of the required training. At the time of this inspection, the training records in the Burma Road SWPPP identified the individuals who had received training and the date when the training had occurred. The operators were unable to provide any documentation describing the training content. The content and additional training documentation was included in the copy of the SWPPP provided to me by Karissa Hardy the following week.

Burma Road – Gotham Bay Road to Junction SH 97 Local Highway Technical Assistance Council/ East Side Highway District/ Apollo, Inc.

Report Completion Date:

Inspector:

Patrick Stoll, EPA/R10/IOO Lead Inspector

Appendix A Burma Road Photo Log

Inspection site Burma Road

or facility name: Gotham Bay Road to Junction SH 97

Physical Location: Burma Road, Mile Post 100 to 102.79

Coeur d' Alene, ID (east side of lake)

NPDES ID #: IDR12C962, IDR12C968, and IDR12C974

Type of Inspection: CGP Compliance Evaluation Inspection

Date of Inspection: March 25, 2014

Inspector(s): Patrick Stoll, EPA/R10/IEMU/IOO

Tony Davis (SEE Employee), EPA/R10/IEMU

Image capture device: Panasonic Lumix DMC-TS4

Location where original/archived images are stored:

Shared Drive: CDBS > APPS > OCE > IEMUnit > Stoll > CGP > Burma Road > Burma Road_Archive_Photos

Original file type, pixel dimensions, and file #s, (assigned by camera):

JPG; 4000 x 3000 pixels; Image numbers

P1000410 through P1000453

Folder name for resized

images and pixel dimensions

(for use in Photo Log):

Burma Road LowRes; 800x600 pixels

Photo Log Image ID #s: Images numbered: 1-51

Digital images recorded by: Patrick Stoll unless otherwise noted (i.e., Google Earth,

June Bergquist, Karissa Hardy)

Drainage/flow direction:



Photo No. 1 – from Google Earth Pro (imagery date 07/14/2013) Overview of Lake Coeur d' Alene and surrounding area



Photo No. 2 – from Google Earth Pro (imagery date 07/14/2013) Lake Coeur d' Alene and Turner Bay



Photo No. 3 – from Google Earth Pro (imagery date 07/14/2013)

Burma Road details

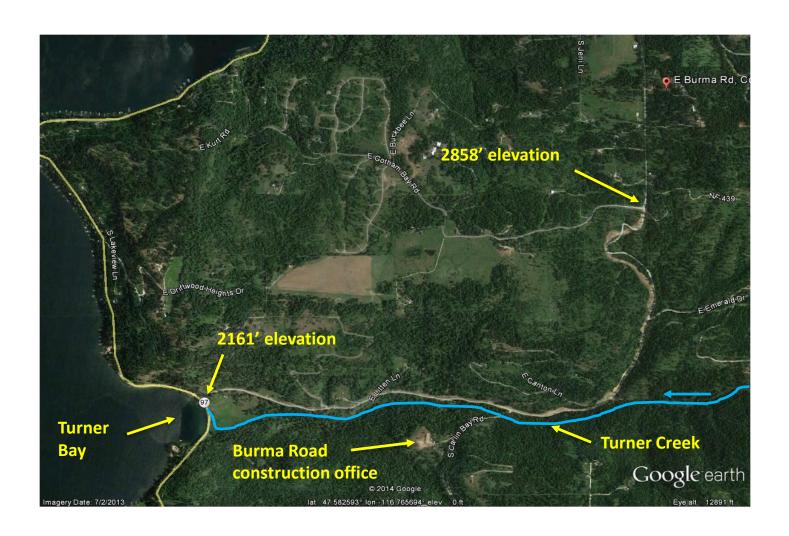


Photo No. 4 – from Google Earth Pro (imagery date 07/14/2013)

Burma Road and Turner Creek



Photo No. 5 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013 "Failed sloped with tackifier and mulch"



Photo No. 6 - Photo from report by Karissa Hardy, Rain Event 9/28/2013 - 9/30/2013



Photo No. 7 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013 "Project discharge at Turner Creek"; according to Karissa Hardy (phone conversation on 05/08/2014), this is not actually direct runoff from the project but the confluence of Turner Creek and an unnamed tributary that does convey runoff from the project.



Photo No. 8 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013 "Turner Creek at mouth of Lake Coeur d' Alene"



Photo No. 8a – Photo by June Bergquist; 9/30/2013 Turner Creek at SH 97 bridge



Photo No. 8b – Photo by June Bergquist; 9/30/2013 Turner Creek discharge into Turner Bay/Lake Coeur d' Alene



Photo No. 9 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013 "Turner Bay at Lake Coeur d' Alene"



Photo No. 10 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013 "Failed slope near Lake Coeur d' Alene" at junction of Burma Road and SH 97 (PS)



Photo No. 11, Photo by June Bergquist; 10/10/2013 Slope failure, post BFM application, near junction with SH 97



Photo No. 12, Photo by June Bergquist; 10/10/2013 Additional slope failure, post BFM application, east of junction with SH 97



Photo No. 13, Photo by June Bergquist; 10/10/2013 Saturated soil and slope failure east of E. Litten Lane



Photo No. 14, Photo by June Bergquist; 10/10/2013 Soil nail wall and BFM coated slope at Canton Lane



Photo No. 15, Photo by June Bergquist; 03/07/2014 Plume from Turner Creek into Turner Bay/Lake Coeur d' Alene; facing SE



Photo No. 16, Photo by June Bergquist; 03/07/2014 Plume from Turner Creek into Turner Bay/Lake Coeur d' Alene; facing SW



Photo No. 17, Photo by June Bergquist; 03/07/2014 Seeps discharging from bank; all BFM appears to have sloughed off the face of the slope.



Photo No. 18, Photo by June Bergquist; 03/07/2014 More evidence of slope failure – minimal BFM remaining at the top of the slope.



Photo No. 19, Photo by June Bergquist; 03/07/2014 Visqueen on slope



Photo No. 20, Photo by June Bergquist; 03/07/2014 BMF and slope failure; this utility pole eventually required restabilization.



Photo No. 21, Photo by June Bergquist; 03/07/2014 Slope failure at E. Litten Lane – note beginning of new separation at crest.



Photo No. 22, Photo by June Bergquist; 03/07/2014 Turbid stormwater discharge from roadside ditch to vegetative buffer before Turner Creek.



Photo No. 23, Photo by June Bergquist; 03/14/2014

Turbid runoff in ditch on north side of the road; this runoff would flow into a ditch on the east side of SH 97. Operators claimed all water seeped into ditch. (statement to Stoll on 03/25/2014).



Photo No. 24, Photo by June Bergquist; 03/14/2014
Turbid stormwater runoff from project flowing to vegetative area above Turner Creek



Photo No . 25 (P1000410)

Facing south on Highway 97; ditch conveys some stormwater from the Burma Road project; at high flow, stormwater runoff has flowed across the highway with potential discharge to Lake Coeur d' Alene.



Photo No. 26 (P1000412)
Facing east – the beginning of the Burma Road project.



Photo No. 27 (P1000413)

Facing NE – the first steep slope at the beginning of the project; note remnants of the failed bonded fiber matrix (BFM).



Photo No. 28 (P1000414)

The black plastic pipe conveys water from seeps in the upper cut to rock-lined ditch; rock armors part of slope where BFM has sloughed off; visqueen protects slope from rain/splash impact.



Photo No. 29 (P1000415)

Facing west – the road junction and start of project (Photos 26-26) lies just below the crest of the road;

Lake Coeur d' Alene is visible in the background.



Photo No. 30 (P1000417)

Facing west – a short distance from the start of the project, the BFM is holding on some of the shallower slopes; the rock armor fills in a location where saturated soil was removed from a significant seep.



Photo No. 31 (P1000420)

Facing east – the BFM has failed throughout this section; the visqueen (plastic) is intended to protect the bare slopes from direct rain impact to prevent splash erosion.



Photo No. 32 (P1000421)
Facing northwest – the rock armor was installed to replace saturated soil in area of a significant seep; the visqueen was applied later after failure of the BFM.



Photo No. 33 (P1000422) Facing northeast – one of the many areas where the BFM has washed away from the slope face.



Photo No. 34 (P1000423)
Facing northwest – erosion and slope failure threatens the integrity of this utility pole.



Photo No. 35 (P000424)

Facing north – slope failure (in area where rock armor has been applied) threatened the integrity of this utility pole; the utility company has stabilized the pole.



Photo No. 36 (P000426)
Facing southeast – this slope is at the base or entrance to Skyview Lane; the first of three private roads leading into Burma Road from the north.



Photo No. 37 (P1000429)
Facing west – this is the far end of the slope noted in the previous photo.



Photo No. 38 (P1000430)

Facing southeast – traveling east on Burma Road, this slope is on the approach to the second private road - E. Litten Lane. This area has experienced some of the worst of the slope failures.



Photo No. 39 (P1000431)
Facing east – approaching E. Litten Lane and the worst of the slope failures.



Photo No. 40 (P1000432)

Facing east – Burma Road drops and curves to the right, E. Litten Lane curves to the left. The green area was hydroseeded between the time I first arrived at the site and the time of the site tour.



Photo No. 41 (P1000433)

Facing northwest – the slope failure at E. Litten Lane appears to a an almost continuous and ongoing occurrence. The green hydroseed was applied just a few hours before the site tour.



Photo No. 42 (P1000435)

Facing east – the concrete "ecology" blocks have been placed all along the toe of the slopes along the E. Litten Lane area in an effort to hold back the unstable soils.



Photo No. 43 (P1000437)

Facing northeast – this is the unstable slope along E. Litten Lane. According to the operators, fissures forming along the top of the slope (parallel with the crest) suggest that additional failures are imminent.



Photo No. 44 (P1000439)

Facing southwest – this is the far end of the E. Litten Lane slope. The operators claim that the slope must dry out before it is safe to repair it. Since the top of the slope has eroded back to the border of the current easement, property purchase may be necessary before final repairs can be made.

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Photo No. 45 (P1000442) Facing east – the eroded slopes along Burma Road east of the junction with E. Litten Lane.



Photo No. 46 (P1000444)
Facing east – the eroded slopes along Burma Road east of the junction with E. Litten Lane.



Photo No. 47 (P1000445)
Facing north – rock armoring and visqueen used to control erosion on slopes throughout the site.



Photo No. 48 (P1000449)

Facing west southwest – Turner Creek flows through new culvert installed below Carlin Bay Road as part of the Burma Road Project. The freshly cut banks along the creek were eroded during the winter rainfall events.



Photo No. 49 (P000450)

Facing west northwest – the SWPPP notice posted on the north side of Burma Road across from the junction with Carlin Bay Road noted in the previous photo.



Photo No. 50(P1000451)

Facing southwest – water flowing from the seeps in the slope is retained in the visqueen near the upper portion of the project.



Photo No. 51 (P1000452)
Facing northeast – the soil nail wall is shrouded in visqueen near the upper portion of the Burma Road project.

Appendix B - eNOIs

NPDES FORM 3510-9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT

Form Approved. OMB Nos. 2040-0004

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

submit a complete and accurate NOI form. Di Refer to the instructions at the end of this form		I is incomplete or inaccurate or if yo	ou were never eligible for permit coverage.
I. Approval to Use Paper NOI Form			
Have you been given approval from the Region	onal Office to use this paper NOI form*?	Yes	NO
If yes, provide the reason you need to us approval:	se this paper form, the name of the EPA	A Regional Office staff person who	approved your use of this form, and the date
Reason for using paper form:			
Name of EPA staff person:			
Date approval obtained:			
* Note: You are required to obtain approva	I from the applicable Regional Office	e prior to using this paper NOI for	rm.
II. Permit Information:		Tracking Numbe	r (EPA Use Only) IDR12C962
Permit Number: IDR120000		(see Appendix B of the CGP for the	e list of eligible permit numbers)
III. Operator Information			
Name: Local Highway Technical Assistance	Council		
Phone: 208 344 0565		Fax (O	ptional): 208 344 0789
Email: jmiles@Ihtac.org			
IRS Employer Identification Number (EIN): 82	2-0482759		
Point of Contact (First Name, Middle Initial, La	ast Name): Jeff Miles		
Mailing Address:			
Street: 3330 Grace Street			
City: Boise	State: <u>ID</u>	Zip: <u>83</u>	<u>3703</u>
NOI Preparer (Complete if NOI was prepare	ed by someone other than the certific	er):	
Prepared by (First Name, Middle Initial, Last N	Name): <u>Karissa Hardy</u>		
Organization: LHTAC			
Phone:		Fax (O	ptional):
E-mail: khardy@lhtac.org			

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IV. Project/Site Information Project/Site Name: Burma Road; Gotham Bay Road to Junction SH 97 Project/Site Address: Street/Location: Burma Road, MP 100 to 102.79 State: ID Zip: 83864 City: Coeur d'Alene County or similar government subdivision: Kootenai For the project/site for which you are seeking permit coverage, provide the following information: Latitude/Longitude (Use one of three possible formats, and specify method) Latitude 1. N(degrees, minutes, seconds) Longitude 1. 116,44,40 W(degrees, minutes, seconds) N(degrees, minutes, decimal) W(degrees, minutes, decimal) W(degrees, decimals) 3. N(degrees, decimals) U.S.G.S topographical map **EPA Web Site GPS** Other:_ Latitude/Longitude Data Source: If you used a U.S.G.S. topographic map, what was the scale? NAD 27 NAD 83 or WGS 84 Horizontal Reference Datum: Unknown Yes Νo Is your project located in Indian Country lands? If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property: Yes Nο Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? Estimated Project Start Date: 02/25/2013 Estimated Project Completion Date: 10/31/2014 Estimated Area to be Disturbed (to the nearest quarter acre): 25.0 Yes No Have earth-disturbing activities commenced on your project/site? Yes No If yes, is your project an emergency-related project? Yes No Have stormwater discharges from your project/site been covered previously under an NPDES permit? If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit: V. Discharge Information Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? Yes No Are there any surface waters within 50 feet of your project's earth disturbances? Receiving Waters and Wetlands Information: (Attach a separate list if necessary)

	•	•	• /		
Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3	Source	TMDL Name and Pollutant
Turner Creek and its tributaries	No			IDEQ integrated report and mapping	
Turner Bay on Coeur d'Alene Lake	Yes	METALS (OTHER THAN MERCURY)	l .		Coeur d'Alene Lake and River Sub

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

VI. Chemical Treatment Information

Will you use polymers, flocculants, or other treatment chemicals at your construction site?

Yes No

If yes, will you use cationic treatment chemicals* at your construction site?

Yes No

Yes No If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI*? If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards. Please indicate the treatment chemicals that you will use: * Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards. VII. Stormwater Pollution Prevention Plan (SWPPP) Information Has the SWPPP been prepared in advance of filing this NOI? Yes No **SWPPP Contact Information:** First Name, Middle Initial, Last Name: Jeff Miles Organization: LHTAC Phone: 208 333 0565 Fax (Optional): E-mail: jmile@lhtac.org **VIII. Endangered Species Protection** Using the instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)? Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study):correspondence from George Stephens, IFG 3/16/2010 If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit: If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions: What federally-listed species or federally-designated critical habitat are located in your "action area": What is the distance between your site and the listed species or critical habitat (miles): If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service. IX. Historic Preservation Yes No Is your project/site located on a property of religious or cultural significance to an Indian tribe? If yes, provide the name of the Indian tribe associated with the property: No Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior Nο disturbances have precluded the existence of historic properties? (Appendix E, Step 2) If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on No historic properties? (Appendix E, Step 3) If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect Yes No historic properties? (Appendix E, Step 4) If yes, describe the nature of their response: Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater

controls.
Other: _

X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: Jeff Miles

Title:

Signature: Date: Monday, February 11, 2013

E-mail: jmiles@lhtac.org

NPDES FORM 3510-9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT

Form Approved. OMB Nos. 2040-0004

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

submit a complete and accurate NOI form. Discharges a Refer to the instructions at the end of this form.	are not authorized if your NOI is inco	omplete or inaccurate or if yo	ou were never eligible for permit coverage.
I. Approval to Use Paper NOI Form			
Have you been given approval from the Regional Office	to use this paper NOI form*?	Yes	NO
If yes, provide the reason you need to use this papapproval:	per form, the name of the EPA Region	onal Office staff person who a	approved your use of this form, and the date
Reason for using paper form:			
Name of EPA staff person:			
Date approval obtained:			
* Note: You are required to obtain approval from the	applicable Regional Office prior	to using this paper NOI for	m.
II. Permit Information:		Tracking Numbe	r (EPA Use Only) IDR12C968
Permit Number: IDR120000	(see A	opendix B of the CGP for the	list of eligible permit numbers)
III. Operator Information			
Name: East Side Highway District			
Phone: 208 765 4714		Fax (Op	otional):
Email: jp@imaxmail.net			
IRS Employer Identification Number (EIN): 82-0296965	5		
Point of Contact (First Name, Middle Initial, Last Name)	: John Pankratz		
Mailing Address:			
Street: 6095 E Mullan Trail Road			
City: Coeur d'Alene	State: <u>ID</u>	Zip: <u>83</u>	8814
NOI Preparer (Complete if NOI was prepared by son	neone other than the certifier):		
Prepared by (First Name, Middle Initial, Last Name): Ka	arissa Hardy		
Organization: Local Highway Technical Assistance Cou	uncil		
Phone:		Fax (O _l	otional):
E-mail: khardy@lhtac.org			

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IV. Project/Site Information Project/Site Name: Burma Road, Gotham Bay Road to Junction SH 97 Project/Site Address: Street/Location: Burma Road, MP 100 to 102.79 State: ID Zip: 83864 City: Coeur d'Alene County or similar government subdivision: Kootenai For the project/site for which you are seeking permit coverage, provide the following information: Latitude/Longitude (Use one of three possible formats, and specify method) Latitude 1. N(degrees, minutes, seconds) Longitude 1. 116,44,40 W(degrees, minutes, seconds) N(degrees, minutes, decimal) W(degrees, minutes, decimal) N(degrees, decimals) W(degrees, decimals) 3. U.S.G.S topographical map **EPA Web Site GPS** Other:_ Latitude/Longitude Data Source: If you used a U.S.G.S. topographic map, what was the scale? NAD 27 NAD 83 or WGS 84 Horizontal Reference Datum: Unknown Yes Νo Is your project located in Indian Country lands? If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property: Yes Nο Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? Estimated Project Start Date: 02/25/2013 Estimated Project Completion Date: 10/31/2014 Estimated Area to be Disturbed (to the nearest quarter acre): 25.0 Yes No Have earth-disturbing activities commenced on your project/site? Yes No If yes, is your project an emergency-related project? Yes No Have stormwater discharges from your project/site been covered previously under an NPDES permit? If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit: V. Discharge Information Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? Yes No Are there any surface waters within 50 feet of your project's earth disturbances? Receiving Waters and Wetlands Information: (Attach a separate list if necessary)

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3		TMDL Name and Pollutant
Turner Bay on Coeur d'Alene Lake	Yes	METALS (OTHER THAN MERCURY)			Coeur d'Alene Lake and River Sub
Turner Creek and Tributaries	No			IDEQ integrated report and mapping	
Thoulance		·		and mapping	<u> </u>

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

VI. Chemical Treatment Information

Yes No Will you use polymers, flocculants, or other treatment chemicals at your construction site?

Yes No If yes, will you use cationic treatment chemicals* at your construction site?

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Yes No If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI*? If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards. Please indicate the treatment chemicals that you will use: * Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards. VII. Stormwater Pollution Prevention Plan (SWPPP) Information Has the SWPPP been prepared in advance of filing this NOI? Yes No **SWPPP Contact Information:** First Name, Middle Initial, Last Name: John Pankratz Organization: East Side Highway District Phone: 208 765 4714 Fax (Optional): E-mail: jp@imaxmail.net **VIII. Endangered Species Protection** Using the instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)? Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study) correspondence with George Stephens, IFG 3/16/2010 If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit: If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions: What federally-listed species or federally-designated critical habitat are located in your "action area": What is the distance between your site and the listed species or critical habitat (miles): If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service. IX. Historic Preservation Yes No Is your project/site located on a property of religious or cultural significance to an Indian tribe? If yes, provide the name of the Indian tribe associated with the property: No Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior Nο disturbances have precluded the existence of historic properties? (Appendix E, Step 2) If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on No historic properties? (Appendix E, Step 3) If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect Yes No historic properties? (Appendix E, Step 4) If yes, describe the nature of their response: Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions

No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater

controls.
Other: _

X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: John Pankratz

Title:

Signature: Date: Monday, February 11, 2013

E-mail: jp@imaxmail.net

NPDES FORM 3510-9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT

Form Approved. OMB Nos. 2040-0004

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

l. Approval to Use Pape	er NOI Form	
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Have you been given approval from the Regional Office to use this paper NOI form*?

Yes NO

If yes, provide the reason you need to use this paper form, the name of the EPA Regional Office staff person who approved your use of this form, and the date of approval:

Reason for using paper form:

Name of EPA staff person:

Date approval obtained:

^r Note: You are required to obtain approval from the applicable Regional Office prior to using this paper NOI form.

II. Permit Information:

Tracking Number (EPA Use Only) IDR12C974

Permit Number: IDR120000 (see Appendix B of the CGP for the list of eligible permit numbers)

III. Operator Information

Name: Apollo Inc.

Phone: 5095861104 Fax (Optional): 5095853686

Email: dhaight@apollo-gc.com

IRS Employer Identification Number (EIN): 91-1636892

Point of Contact (First Name, Middle Initial, Last Name): David Haight

Mailing Address:

Street: 1133 W. Columbia Drive

City: Kennewick State: WA Zip: 99336

NOI Preparer (Complete if NOI was prepared by someone other than the certifier):

Prepared by (First Name, Middle Initial, Last Name): Brett Brown

Organization: APOLLO INC.

Phone: 5095861104 Fax (Optional):

E-mail: brettb@apollo-gc.com

IV. Project/Site Information Project/Site Name: Burma Road; Gotham Bay Road to Junction SH 97 Project/Site Address: Street/Location: Burma Road, MP 100 to 102.79 State: ID Zip: 83864 City: Coeur d' Alene County or similar government subdivision: Kootenai For the project/site for which you are seeking permit coverage, provide the following information: Latitude/Longitude (Use one of three possible formats, and specify method) Latitude 1. N(degrees, minutes, seconds) Longitude 1. 116,44,40 W(degrees, minutes, seconds) N(degrees, minutes, decimal) W(degrees, minutes, decimal) N(degrees, decimals) W(degrees, decimals) 3. U.S.G.S topographical map **EPA Web Site GPS** Other:_ Latitude/Longitude Data Source: If you used a U.S.G.S. topographic map, what was the scale? NAD 27 NAD 83 or WGS 84 Horizontal Reference Datum: Unknown Yes Νo Is your project located in Indian Country lands? If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property: Yes Nο Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? Estimated Project Start Date: 02/25/2013 Estimated Project Completion Date: 10/31/2014 Estimated Area to be Disturbed (to the nearest quarter acre): 25.0 Yes No Have earth-disturbing activities commenced on your project/site? Yes No If yes, is your project an emergency-related project? Yes No Have stormwater discharges from your project/site been covered previously under an NPDES permit? If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit: V. Discharge Information Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? Yes No Are there any surface waters within 50 feet of your project's earth disturbances? Receiving Waters and Wetlands Information: (Attach a separate list if necessary)

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3		TMDL Name and Pollutant
Turner Bay on Coeur d' Alene Lake	Yes	METALS (OTHER THAN MERCURY)	1		Coeur d'Alene Lake and River Sub
Turner Creek and its tributaries	No		1	IDEQ integrated report and mapping	

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

VI. Chemical Treatment Information

Yes No Will you use polymers, flocculants, or other treatment chemicals at your construction site?

Yes No If yes, will you use cationic treatment chemicals* at your construction site?

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Yes No If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI*? If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards. Please indicate the treatment chemicals that you will use: * Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards. VII. Stormwater Pollution Prevention Plan (SWPPP) Information Has the SWPPP been prepared in advance of filing this NOI? Yes No **SWPPP Contact Information:** First Name, Middle Initial, Last Name: David Haight Organization: Apollo Inc. Phone: 5095861104 Fax (Optional): E-mail: dhaight@apollo-gc.com **VIII. Endangered Species Protection** Using the instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)? Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study) correspondence with George Stephens, IFG 3/16/2010 If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit: If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions: What federally-listed species or federally-designated critical habitat are located in your "action area": What is the distance between your site and the listed species or critical habitat (miles): If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service. IX. Historic Preservation Yes No Is your project/site located on a property of religious or cultural significance to an Indian tribe? If yes, provide the name of the Indian tribe associated with the property: Yes No Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior Nο disturbances have precluded the existence of historic properties? (Appendix E, Step 2) If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on No historic properties? (Appendix E, Step 3) If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect Yes No historic properties? (Appendix E, Step 4) If yes, describe the nature of their response: Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.

Other:

X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: David Haight

Title: Operations Manager

Signature: Date: Monday, February 11, 2013

E-mail: dhaight@apollo-gc.com

Appendix C ITD Notice of Potential Violations



Notice of Potential Violation of the Construction General Permit (CGP) or Notice of Prohibited Discharge

ITD 2790 (Rev. 04-23-12) itd.idaho.gov

Send completed form to HQ ENV SWPP

Part 1	- Pro	iect In	forma	ation
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	•					
Key Number	Project Name				District	Region (if applicable)
09462	Burma Road				1	
ITD NPDES F	Permit Number ITD Project Inspector's Name Resident Engineer'			Resident Engineer's Na	me	
IDR12C97	4	Tony Butler		Todd Bartolome, P	E	
Project WPCI	Vi's Name		Prime Contractor's	s Name		
Jeremy Jenkins/Bret Brown Apollo, Inc.						
Contractor NF	PDES Permit Number					
IDR12C97	4					

Part 2 – Construction General Permit (CGP) Potential Violation Information

- ITD Must Report any Permit noncompliance which may endanger health or the environment to EPA verbally within 24 hours of discovery and in writing within 5 days of discovery per CGP Appendix I.12.

Key Number	Date Potential Violation Occurre	Date District Aware of Potential Violation Date C		Corrective Action Taken to Resolve Issue	
09462	9/24/2013	9/24/2013	9/2	24/2013	
ITD 2802 Insp. Number Documenting Issue Date Headquarters Environmental Made Aware of Issue Date HQ Environmental Informed EPA of Issue					
1-09462-3	8	/24/2013		Completed by HQ ENV 9/24/2013	

Part 2A – Reason for Potential Violation and/or Incident Description

On the morning of September 24, 2013 a significant rain event occurred and caused high water flows in the ditches throughout the project. In particular the incident occurred at the intersection of Burma road and Carlin Bay road. At this location the Carlin Bay road ditch eventually enters Turner creek at the recently installed fish passage. Current BMPs installed in this location include but not limited to straw wattles, silt fence, mulch and tackifier as well as rip rap closer to the inlet of the fish passage pipe.

Part 2B – Provision of CGP Potentially Violated

Section 5.2.1.2

After review of the attached turbidity monitoring reports from 9/19/13 through 9/24/13 it can be determined that water quality standards per IDAPA 58.01.02 were greater than 50 NTU above background levels. As you will notice in the reports within a couple hours this location was back in compliance. Additionally when potential violations were occuring it was localized to Turner creek. Monitoring was conducted at the mouth of Turner creek and Lake Coeur d' Alene at which this point water quality standards were once again in compliance. Also after review of the monitoring you will notice NTUs continued decreasing throughout the day. It should be noted, as one would assume turbidity seems to significantly increase only during rain events.

Part 2C - Steps Taken to Fix or Resolve Potential Violation of CGP

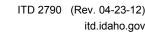
The crew was very proactive and began reshaping the ditches, installing geotextile approximately 50 feet up the ditch line as well as placing 3" to 8" rip rap throughout the ditch. The crew also installed various check dams throughout the ditch. In addition our crews anticipate placing aggregate on the road in the coming weeks.

Part 2D – Party Deemed Responsible for Potential Violation

 Project Resident Engineer o 	r Assistant District Engine	eer determines	responsible party
- i ioleci ivesidelli Eligilleel o	ı Assisianı District Endin	cei ueteiiiiies	i conditionic party

		<u>`</u>	•		<u> </u>
Determination of	of Responsible Party				
	☐ Contractor	Subcontractor	☐ To be Determin	ed	
Explanation					

1					
Photo Documentation (i	f applicable): Yes	No [
Weather Information (if	applicable): Cloudy w/	Rain appı	oximately 50 to 60 degree	!S	
Part 3 – Prohibited	Discharge Informa	ition			
Date Discharge Occurred	Date District Aware of Disc	charge	Name of Water Body Receiving	Stormwater or Po	ollutant Discharge
9/24/2013	9/24/2013		Turner Creek		
Date Corrective Action Taken	to Resolve Discharge Impact	s ITD 2802	Insp. # Documenting Discharge	Water Body Red	eiving Discharge Has TMDL
9/24/2013		1-09462	2-039	☐ Yes	□ No
Turbidity Was Tested During the	he Discharge Water Qua	ality Samples	s Were Collected During the Discl	harge	
⊠ Yes □ No	⊠ Yes	□ N	10		
Date Headquarters Environme	ental Made Aware of Issue C	Date HQ Env	rironmental Informed EPA of Issu	е	
9/24/2013	(Complete	d by HQ ENV 9/24/2013		
Discharges requiring re	. •	J		alone for a state of the	the stored by a
	erosion and sediment		to a waterway or storm BMPs.	drain withou	t treatment by a
			m drain system where th not properly maintained.		asures (BMPs) have
Quality Standar	rds per IDAPA 58.01.	02 (great	ults indicate levels of tur er than 50 NTU above be days) in the water body	ackground le	
 Any discharge i 	identified in Part 2.3.1	of the Co	GP		
 Non-stormwate 	r discharges other tha	an those	listed in Section 1.3 of th	ne CGP.	
	•		eportable quantities in P		:GP
•			nan health or the environ		
Arry Other disch	larges triat may endai	nger nun	ian nealth of the environ	iiiieiit.	
Part 3A – Steps Tak	en to Fix or Resolve	e Discha	rge or Impacts of Discl	harge	
Additional BMPs were in	nstalled as noted above	·.	·		
Photo Documentation (i	f applicable): Yes 🗵	No [
Weather Information (if	applicable): Cloudy, Ra	ain, 50 to	60 degrees		





Notice of Potential Violation of the Construction General Permit (CGP) or Notice of Prohibited Discharge

Send completed form to HQ ENV SWPP

Part 1 - Project Information

	=						
Key Number	Project Name					Region (if applicable)	
09462	Burma Rd.; Gotham Bay rd. to SH-97				1		
ITD NPDES Permit Number		ITD Project Inspector's Name		Resident Engineer's Name			
IDR12C962		Tony Butler		Todd Bartolome			
Project WPCM's Name			Prime Contractor's Name				
Jeremy Jenkins			Apollo inc.				
Contractor NPDES Permit Number							
IDR12C974							

Part 2 - Construction General Permit (CGP) Potential Violation Information

- ITD Must Report any Permit noncompliance which may endanger health or the environment to EPA verbally within 24 hours of discovery and in writing within 5 days of discovery per CGP Appendix I.12.

Key Number	Date Potential Violation Occurre	Date District Aware of Potential Violation Da		Date Corrective Action Taken to Resolve Issue		
09462	9-29-2013	9-30-2013	9-30-20	013		
ITD 2802 Insp. Number Documenting Issue Date Headquarters Environmental Made Aware of Issue Date HQ Environmental Informed EPA of Issue						
40		-30-2013		Completed by HQ ENV		

Part 2A – Reason for Potential Violation and/or Incident Description

A significant storm event beginning September 28, 2013 continuing through September 29th accumulated over 1.5" of rain. This rain event was accompanied by flash flood warnings in the area. This rain event caused multiple slope failures on mulch/takifier stabilizedc sloped throughout the project. The slope failures and other project erosion created significant discharges into Turner Creek, and the unamed tributary to Turner Creek which are both adjacent to the project. Sediment bmps such as check dams and silt fences were overtopped with sediment accumulation. In addition this storm event came on the heels of a previous storm event (3 days prior), soils throughout the project were already heavily saturated from the previous rain event compounding erosion issues/slope failures. Several culvert crossings discharged sediment laden water into the adjacent creeks. A turbidity plume was visible where Turner Creek discharges into Lake Coeur d'Alene.

Part 2B - Provision of CGP Potentially Violated

From visual inspections and turbidity monitoring can be determined that water quality standards per IDAPA 58.01.02 were greater than 50 NTU above background levels.

Part 2C - Steps Taken to Fix or Resolve Potential Violation of CGP

Thorough project site inspection and meeting by LHTAC, DEA, Apollo, Eastside Highway District. Action list of new bmps and bmp repairs created, and action list started.

Local mulching expert will be on site tomorrow morning with crews and materials to redress failing slopes. All roadway shoulders that have been disturbed by construction traffic will be armored with rock mulch. Rock mulch has been ordered and will be on-site tomorrow or the next day.

Sediment from check dams has been removed. Several areas of dirt road and shoulder have been regraded. 2" of 3/4" aggregate will be added to the majority of the dirt road to prevent additional roadway erosion.

Banks near fish passage at the intersection of Carlin Bay Road and Burma Road were covered with geotextile fabric. Plastic sheeting is being aquired today to install as needed as temporary measure.

Sediment has been removed from slope failures.

Part 2D - Party Deemed Responsible for Potential Violation - Project Resident Engineer or Assistant District Engineer determines responsible party To be Determination of Responsible Party To be Determined	Part 2D - Party Door	nod Posnon	sible for Bet	onti	al Violation				
ITD						sible party			
Photo Documentation (if applicable): Yes ☑ No ☐ Weather Information (if applicable): severe weather including flash flood warnings Part 3 — Prohibited Discharge Information Date Discharge Cocurred 9-28-2013 present 9/30/2013 Name of Water Body Receiving Stormwater or Pollutant Discharge Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Date Corrective Action Taken to Resolve Discharge Impacts ITD 2802 Insp. # Documenting Discharge Water Body Receiving Discharge Has TMDI 9-30-2013 to present/ongoing #40/#41 ☑ Yes ☑ No Turbidity Was Tested During the Discharge Water Quality Samples Were Collected During the Discharge ☑ Yes ☑ No Date Headquarters Environmental Made Aware of Issue ☐ Date Ho Environmental Informed EPA of Issue ☐ PAD 20/30/2013 Discharges requiring reporting include the following: Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs. Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained. Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. Any discharge identified in Part 2.3.10f the CGP Non-stormwater discharges other than those listed in Section 1.3 of the CGP. Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment.		-	Subcontractor			I			
Part 3 — Prohibited Discharge Information Date Discharge Occurred 9-28-2013 present 9/30/2013 Date Discharge Action Taken to Resolve Discharge Impacts Date Corrective Action Taken to Resolve Discharge Impacts ITD 2802 Insp. # Documenting Discharge Water Body Receiving Discharge Water Body Receiving Discharge Has TMDI Date Discharge Taken To Taken To Turnet Creek, Coeur d'Alene Lake Date Discharge Water Body Receiving Stormwater of Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Date Lake Date Lake Water Body Receiving Stormwater of Turner Creek, Coneur d'Alene Lake Water Body Receiving Stormwater of Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Water Body Receiving Stormwater of Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Water Body Receiving Stormwater of Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Water Body Receiving Stormwater of Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Water Body Receiving Stormwater of Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Water Body Receiving Stormwater of Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake Water Body Receiving Water Body Receiving Discharge Water Body Receiving Water Body Receiving Discharge Water Body Receiving Discharge of Discharge Water Body Receiving Water Body Receiving Discharge Water Body Receiving Discharge Polluter Water Body Rece		cumstances							
Part 3 – Prohibited Discharge Information Date Discharge Occurred 9-28-2013 present 9/30/2013 Date District Aware of Discharge 9-28-2013 present Date Corrective Action Taken to Resolve Discharge Impacts Date Discharge Impacts Date Discharge Impacts Date Discharge Impacts Date Discharge Date Date Date Discharge Date Date Discharge Date Date Date Date Date Date Date Date	Photo Documentation (if	applicable): `	Yes ⊠ N	lo []				
Date Discharge Occurred 9-28-2013 present 9/30/2013 9/30/2013 Date Discharge 9/30/2013 9/30/2013 Date Corrective Action Taken to Resolve Discharge Impacts ITD 2802 Insp. # Documenting Discharge 9-30-2013 to present/ongoing #40/#41 Water Body Receiving Discharge Water Collected During the Discharge Water Collected During the Discharge Water Collected During the Discharge Water Body Receiving Discharge Water Body	Weather Information (if a	applicable): se	evere weather	inclu	uding flash flood warnings	5			
Date Corrective Action Taken to Resolve Discharge Impacts ITD 2802 Insp. # Documenting Discharge Water Body Receiving Discharge Has TMDI	Part 3 – Prohibited D	Discharge Ir	nformation						
Date Corrective Action Taken to Resolve Discharge Impacts ITD 2802 Insp. # Documenting Discharge Water Body Receiving Discharge Has TMDI 9-30-2013 to present/ongoing #40/#41 Yes No No Turbidity Was Tested During the Discharge Water Quality Samples Were Collected During the Discharge Yes No No Date Headquarters Environmental Made Aware of Issue Date HQ Environmental Informed EPA of Issue Ompleted by HQ ENV Discharges requiring reporting include the following: Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs. Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained. Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. Any discharge identified in Part 2.3.1of the CGP Non-stormwater discharges other than those listed in Section 1.3 of the CGP. Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment.	Date Discharge Occurred	Date District Aw	are of Discharge						
Date Corrective Action Taken to Resolve Discharge Impacts ITD 2802 Insp. # Documenting Discharge Water Body Receiving Discharge 9-30-2013 to present/ongoing #40/#41 Yes No No Yes No No No No Date Headquarters Environmental Made Aware of Issue 9/30/2013 Date Headquarters Environmental Made Aware of Issue Date HQ Environmental Informed EPA of Issue 9/30/2013 Date HQ Environmental Informed EPA of Issue Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs. ■ Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained. ■ Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. ■ Any discharge identified in Part 2.3.1of the CGP ■ Non-stormwater discharges other than those listed in Section 1.3 of the CGP. ■ Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. ■ Any other discharges that may endanger human health or the environment.	9-28-2013 present	9/30/2013			·				
9-30-2013 to present/ongoing #40/#41	Date Corrective Action Taken to	<u> </u>	ge Impacts ITD 2			Water Body Red	ceiving Discharge Has TMDI		
☑ Yes No ☑ Yes No Date Headquarters Environmental Made Aware of Issue Date HQ Environmental Informed EPA of Issue 9/30/2013 Discharges requiring reporting include the following: • Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs. • Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained. • Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. • Any discharge identified in Part 2.3.1of the CGP • Non-stormwater discharges other than those listed in Section 1.3 of the CGP. • Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. • Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge							□No		
Date Headquarters Environmental Made Aware of Issue 9/30/2013 Date HQ Environmental Informed EPA of Issue 9/30/2013 Date HQ Environmental Informed EPA of Issue Completed by HQ ENV Discharges requiring reporting include the following: Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs. Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained. Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. Any discharge identified in Part 2.3.1of the CGP Non-stormwater discharges other than those listed in Section 1.3 of the CGP. Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge	Turbidity Was Tested During th	e Discharge	Water Quality Sam	nples	Were Collected During the Discl	harge			
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 Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs. Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained. Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. Any discharge identified in Part 2.3.1of the CGP Non-stormwater discharges other than those listed in Section 1.3 of the CGP. Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge	Discharges requiring re	portina includ	le the followin	na:					
 been overwhelmed, not properly installed, or not properly maintained. Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. Any discharge identified in Part 2.3.1of the CGP Non-stormwater discharges other than those listed in Section 1.3 of the CGP. Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge	Stormwater disc	harges from	a disturbed a	rea		drain withou	t treatment by a		
 Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled. Any discharge identified in Part 2.3.1of the CGP Non-stormwater discharges other than those listed in Section 1.3 of the CGP. Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge 	• Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have								
 Non-stormwater discharges other than those listed in Section 1.3 of the CGP. Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge	Quality Standard	ds per IDAPA	58.01.02 (gr	eate	er than 50 NTU above b	ackground le			
 Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP. Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge									
Any other discharges that may endanger human health or the environment. Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge	,								
Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge	•								
<u> </u>	Any other discharge								
<u> </u>	·	_							
See Above Part 2C, Actions started and on-going.				char	ge or Impacts of Discl	harge			
	See Above Part 2C, Action	ons started and	d on-going.						

Weather Information (if applicable): cloudy 50 degrees, high chance of continued rain

Construction General Permit Potential Violation Reporting and Prohibited Discharge Reporting Protocol

Reporting Requirements

Part I.12.6 in Appendix I of the 2012 Construction General Permit (CGP) states "You must report any noncompliance which may endanger health or the environment. Any information must be provided orally within 24 hours from the time you became aware of the circumstances. A written submission must also be provided within five days of the time you became aware of the circumstances. The written submission must contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance."

This form, ITD 2790, was created to fulfill the requirement ITD has to provide a written report of any potential violation of the CGP within five days of discovery. The purpose of this form is to:

- Promote consistency in reporting information on potential violations to EPA,
- Ensure that reporting to EPA is completed within the required 5-day timeframe, and
- Allow for centralized tracking by Headquarters Environmental of potential violations caused by ITD or the Contractor in order to ensure the causes of violations can be determined and subsequently addressed through updates to forms, guidance, training, etc.

Instructions for Completing ITD 2790, Notice of Potential Violation

The following protocol should be followed by Districts when reporting potential violations. Because this form is intended to serve as a reporting mechanism for CGP potential violations and prohibited discharge reporting, all of Parts 2 and 3 may not need to be filled out completely for each reporting instance. Below are some examples of how this form would be used for reporting different circumstances:

- When reporting a potential violation of the CGP, for example sediment trapped behind a silt fence reaches 75% of the above-ground fence height (per CGP 2.1.2.2), only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.
- If a Contractor commences ground disturbing activities prior to an approved SWPPP and/or NOI being in place, only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.
- Another example would be ITD or Contractor failure to conduct an inspection within 24 hours of a 0.25 inch or greater rain event (if on 14 or 30 day inspection cycle). When the inspection is conducted, evidence of a prohibited discharge from the site is observed. In this case, Parts 1 through 3 would need to be filled out since this is both a potential administrative violation of the CGP and a prohibited discharge occurred.

Part 1 - Project Information

Complete all Project Information entirely. This information is essential for ITD HQ ENV and EPA recognition of the project.

Part 2 - CGP Potential Violation Information

- Complete the table in its entirety to document the timing of the potential violation and when it was reported to Headquarters Environmental.
 - Part 2A Provide detailed information on the reason a potential violation is being reported.
 - Part 2B Identify the provision of the CGP potentially violated.
 - **Part 2C -** Provide detailed information on the steps taken to fix or resolve the potential violation and bring the project back into compliance with the CGP.

Part 2D - The Resident Engineer or Assistant District Engineer should fill out this section and determine the party deemed responsible for the potential violation. If penalties need to be passed on to a Contractor provide an explanation here.

Provide photo documentation and weather information if applicable to the potential violation.

Part 3 - Prohibited Discharge Information

• Complete the table in its entirety to document the timing of the prohibited discharge, information on the receiving water body, sampling information, and when the event was reported to Headquarters Environmental.

Part 3A - Provide detailed information on the steps taken to fix or resolve the discharge and/or the effects of the discharge. Provide information on steps taken to mitigate future discharges on the project.

Report Submittal Process

- Contractor or Districts fill out all pertinent information on form ITD 2790 and submit to the HQ ENV SWPP inbox as soon as the potential violation(s) is recognized in order to meet the five-day reporting timeframe.
- Districts <u>do not</u> report potential violations directly to the EPA. Contact with EPA is <u>only</u> via Headquarters Environmental or ITD Legal.
- Districts <u>do not</u> report potential violations to Headquarters Environmental planners. Report potential violations directly to the **HQ ENV SWPP inbox**.
- Use the following naming convention in the email subject line so that the email can be recognized as reporting a potential violation and the information can be passed on to EPA if required:

District-Key Number-NOV_Current Date

Example: 3-09999-NOV_9/1/2012

Contact the Headquarters Stormwater Compliance Coordinator or Headquarters Environmental Section Manager with any questions regarding potential violation reporting.



Notice of Potential Violation of the Construction General Permit (CGP) or Notice of Prohibited Discharge

ITD 2790 (Rev. 04-23-12) itd.idaho.gov

Send completed form to HQ ENV SWPP

Part 1 – Pro	oject Informa	tion						
Key Number Pr	oject Name						District	Region (if applicable)
09462 Bu	urma Rd.; Gotha	m Bay rd.	to SH-97				1	LHTAC
ITD NPDES Perr	mit Number	ITD Project	t Inspector's Name		Resident Engineer's Name			
IDR12C962		Tony But	ler	Todd Bartolome				
Project WPCM's	Name			Prime Contractor's Name				
Jeremy Jenkir				Apollo inc.				
Contractor NPDE	S Permit Number							
IDR12C974								
- ITD Must	Report any Pe	rmit nonc	Permit (CGP) Pot compliance which m in writing within 5 da	nay endanger ays of discov	health	or the envir	onmen	
Key Number Da	ate Potential Violation	n Occurred	Date District Aware of Po	tential Violation	Date Co	rrective Action Ta	aken to R	esolve Issue
09462 10	0-8-2013		10-8-2013		10-9-2	013		
ITD 2802 Insp. N	lumber Documenting		e Headquarters Environme	ental Made Aware	of Issue	Completed by Verbally not the 8 th . Verbally not after COB o	by HQ E ified it w ified of n the 9 ^t	ENV vas raining on CGP violation
A rain event (turbidity	iolation and/or Inc standard violations. I ongoing.		-	MP installatio	ns ongo	ing at project.
Part 2B – I	Provision of C	GP Pote	ntially Violated					
	3.1. Visual inspe than 50 NTU ab		d turbidity monitoring ground levels.	g indicate that	water	quality standa	ards per	TIDAPA 58.01.02
Part 2C – S	Steps Taken to	Fix or F	Resolve Potential	Violation of	CGP			
Area of potential sources of sediment continue to be identified. Additional rock mulch, 3/4" aggregate, and other bmps (plastic covering etc.) are being installed in these areas. Overall project stormwater (erosion and sediment control) evaluations and implementation continuing daily. 100% of contrctor work is currently focused on sediment and erosion control.								
- Project Res	ident Engineer	-	sible for Potential tant District Engine		s respo	onsible party		
Determination of ITD	Responsible Party Contractor		Subcontractor	⊠ To be De	termine	ed		
Explanation rain event								
Photo Docum	entation (if appl	licable): `	Yes 🛛 No 🗌					

Weather Information (if applicable): 0.6" rain

Part 3 – Prohibited Discharge Information

Date Discharge Occurred	Date District Aware of Disch	narge	Name of Water Body Receiving	Stormwater or Pollutant Discharge		
10.0.2012			Turner Creek, Unnamed Tributary to Turner Creek, Coeur			
10-8-2013	10/8/2013	d'Alene Lake				
Date Corrective Action Taken to	Resolve Discharge Impacts	ITD 2802	Insp. # Documenting Discharge	Water Body R	Receiving Discharge Has TMDL	
10/9 to present/ongoing		44			□ No	
Turbidity Was Tested During the	Discharge Water Quali	ality Samples Were Collected During the Discharge				
	☐ Yes	No ⊠ No				
Date Headquarters Environment		ite HQ Env	ironmental Informed EPA of Issue	9		
Verbally notified it was ra	nining on the $8^{"}$.					
Verbally notified of CGP	violation after	Completed by LIO ENV 40 40 2042				
COB on the 9 th .		Completed by HQ ENV 10-10-2013				
Notified in writing on 10-1	10-2013					

Discharges requiring reporting include the following:

- Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs.
- Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained.
- Discharges where water quality sampling results indicate levels of turbidity exceeded State Water
 Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously
 or 25 NTU for more than ten (10) consecutive days) in the water body sampled.
- Any discharge identified in Part 2.3.1of the CGP
- Non-stormwater discharges other than those listed in Section 1.3 of the CGP.
- Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP.
- Any other discharges that may endanger human health or the environment.

Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge

See Above Part 2C, Actions started and on-going.	
Photo Documentation (if applicable): Yes ☐ No ☒	
Weather Information (if applicable): 0.6" of rain received	



Notice of Potential Violation of the Construction General Permit (CGP) or Notice of ProhibitedDischarge

ITD 2790 (Rev. 01-14) itd.idaho.gov

Send completed form to HQ ENV SWPP

Form Completed By	Organization Name	Date Completed
Jeremy Jenkins WPCM & Karissa Hardy, P.E.	Apollo, Inc./LHTAC	3/6/2014

Part 1 – Project Information

Key Number	Project Name	District	Region (if applicable)			
09462	Burma Rd; Gotham bay rd. to SH-97					
ITD NPDES F	S Permit Number ITD Project Inspector's Name Resident Engineer's Na				me	
IDR12C96	DR12C962 Tony Butler			Todd Bartolome		
Project WPCM's Name			Prime Contractor's Name			
Jeremy Jenkins			Apollo, Inc.			
Contractor NPDES Permit Number						
IDR12C97	4					

Part 2 – Construction General Permit (CGP)Potential Violation Information

-ITD Must Report any Permit noncompliance which may endanger health or the environment to EPA verbally within 24 hours of discovery and in writing within 5 days of discovery per CGP Appendix I.12.

Key Number	Date Potential Violation Occurre	ed Date District Aware of Potential Violation Date		Corrective Action Taken to Resolve Issue	
09462	3/5/2014	3/6/2014 3/5/20		014	
ITD 2802 Insp	b. Number Documenting Issue D	ate Headquarters Environmental Made Awa	Date HQ Environmental Informed EPA of Issue		
74	3	/6/2014	Completed by HQ ENV		

Part 2A - Reason for Potential Violation and/or Incident Description

A rain event occurred on 3/5/14 producing 0.5 inches of rain on snow(estimated that just under 24" of accumulated snow was on the ground).

A second rain event in the evening/night of 3/5/2014 produced an additional 0.5 inches of rain. Additional rain is forcast for the area today and tomorrow.

Warm temperatures (above freezing) accompanying the rain on snow event increased stomwater runoff volumes.

The water infiltrated into the ground and did not reach the lake as surface water.

On 3/5/2014 stormwater overwelmed the road side ditch on Burma road and stormwater flowed over SH-97 and reached Lake Coeur D' Alene. It was visually noted that stromwater was turbia.

In addition some localized slope failures on cut slopes occurred which created some additional visually noted turbid stormwater discharges to Turner Creek/Unnamed tributary to Turner Creek (Turner Creek flows into Lake Coeur d'Alene). Sediment controls were in place and where functioning properly, reducing the sediment discharged.

Turbidity was monitored at the location where Turner Creek empties into Lake Coeur d'Alene(Turner Bay, down stream of project) and the turbidity was less than background readings upstream of project activities (within state water quality standards at this location).

Part 2B - Provision of CGPPotentially Violated

the bank adjacent to

CGP part 3.1 (5.2.1.2) Turbid discharge	

Part 2C – Steps Taken to Fix or Resolve Potential Violation of CGP

the event ready to respor	nd id necessary.				
	·		rmwater from flowing over storical problem, this proje		-
The contractor reshaped a reduce stormwater flows	and deepened of ditch	es, place	dt of sandbags and remoe	dl of excess sno	w from the ditch to
reshaping ditch in areas o	of failure, and maintenal 3/6/2014 to continue	ance of se	cavating failed slope and reediment bmps). Contractove actions. Work activities	r crew worked i	untill dark.
Part 2D – Party Deem - Project Resident Engin	eer or Assistant Dist			sible party	
Determination of Responsible Pa	•	ata#	☐ To be Determined		
ITD Contract	or Subcontra	ctor	☐ To be Determined		
Explanation					
Photo Documentation (if a	applicable): Yes 🗌	No 🏻	⊴		
Weather Information (if ap			ding 40 degrees with heav	y rain on accum	ulated snow.
Part 3 – ProhibitedDi	_				
Date Discharge Occurred	Date District Aware of Disc	harge	Name of Water Body Receiving	Stormwater or Pollu	itant Discharge
3/5/2014	3/6/14		Turner Creek		
Date Corrective Action Taken to	Resolve Discharge Impacts	ITD 2802	Insp. # Documenting Discharge		
3/5/14		74			☑ No
Turbidity Was Tested During the	- <u> </u>		s Were Collected During the Discl	narge	
	☐ Yes	⊠ N			
Data Haadquarters Environment	tal Made Aware of Issue D	oto UO Env	ironmental Informed EDA of Issue		

In anticipation of the rain on snow weather event (peak event) the contractor had staff and equipment on site prior to

Discharges requiring reporting include the following:

3/6/14

 Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs.

Completed by HQ ENV

- Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained.
- Discharges where water quality sampling results indicate levels of turbidity exceeded State Water
 Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously
 or 25 NTU for more than ten (10) consecutive days) in the water body sampled.
- Any discharge identified in Part 2.3.1of the CGP
- Non-stormwater discharges other than those listed in Section 1.3 of the CGP.
- Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP.
- Any other discharges that may endanger human health or the environment.

Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge

See Part 2C above. Reshaping ditches and replac localized slope failures.	See Part 2C above. Reshaping ditches and replacing rock lining and check dams. Removing sloughed material from localized slope failures.						
Photo Documentation (if applicable): Yes	No ⊠						
Weather Information (if applicable):N/A							

Construction General Permit Potential Violation Reporting and Prohibited Discharge Reporting Protocol

Reporting Requirements

Part I.12.6 in Appendix I of the 2012Construction General Permit (CGP) states "You must report any noncompliance which may endanger health or the environment. Any information must be provided orally within 24 hours from the time you became aware of the circumstances. A written submission must also be provided within five days of the time you became aware of the circumstances. The written submission must contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance."

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- Promote consistency in reporting information on potential violations to EPA,
- Ensure that reporting to EPA is completed within the required 5-day timeframe, and
- Allow for centralized tracking by Headquarters Environmental of potential violationscaused by ITD or the Contractor in orderto ensure the causes of violations can be determined and subsequently addressed through updates to forms, guidance, training, etc.

Instructions for CompletingITD 2790, Notice of Potential Violation

The following protocol should be followed by Districts when reporting potential violations. Because this form is intended to serve as a reporting mechanism for CGP potential violations and prohibited discharge reporting, all of Parts 2and3 may not need to be filled out completely for each reporting instance. Below are some examples of how this form would be used for reporting different circumstances:

- When reporting a potential violation of the CGP, for example sediment trapped behind a silt fence reaches 75% of the above-ground fence height (per CGP 2.1.2.2), only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.
- If a Contractor commences ground disturbing activities prior to an approved SWPPP and/or NOI being in place, only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.
- Another example would be ITD or Contractor failure to conduct an inspection within 24 hours of a 0.25 inch or greater rain event (if on 14 or 30 day inspection cycle). When the inspection is conducted, evidence of a prohibited discharge from the site is observed. In this case, Parts 1 through 3would need to be filled out since this is both a potential administrative violation of the CGP and aprohibited discharge occurred.

Part 1 - Project Information

Complete all Project Information entirely. This information is essential for ITD HQ ENV and EPA recognition of the project.

Part 2 - CGP Potential Violation Information

- Complete the table in its entirety to document the timing of the potential violation and when it was reported to Headquarters Environmental.
 - Part 2A-Provide detailed information on the reason a potential violation is being reported.
 - Part 2B-Identify the provision of the CGP potentially violated.
 - **Part 2C-**Provide detailed information on the steps taken to fix or resolve the potential violation and bring the project back into compliance with the CGP.

Part 2D-The Resident Engineer or Assistant District Engineer should fill out this section and determine the party deemed responsible for the potential violation. If penalties need to be passed on to a Contractor provide an explanation here.

Provide photo documentation and weather information if applicable to the potential violation.

Part 3 - Prohibited Discharge Information

• Complete the table in its entirety to document the timing of the prohibited discharge, information on the receiving water body, sampling information, and when the event was reported to Headquarters Environmental.

Part 3A-Provide detailed information on the steps taken to fix or resolve the discharge and/or the effects of the discharge. Provide information on steps taken to mitigate future discharges on the project.

Report Submittal Process

- Contractor or Districts fill out all pertinent information on form ITD 2790 and submit to the HQ ENV SWPP inbox as soon as the potential violation(s) is recognized in order to meet the five-day reporting timeframe.
- Districts **do not**report potential violations directly to the EPA. Contact with EPA is **only** via Headquarters Environmental or ITD Legal.
- Districts <u>do not</u>report potential violations to Headquarters Environmental planners. Report potential violations directly to the **HQ ENV SWPP inbox**.
- Use the following naming convention in the email subject line so that the email can be recognized as reporting a potential violation and the information can be passed on to EPA if required:

District-Key Number-NOV_Current Date

Example: 3-09999-NOV_9/1/2012

Contact the Headquarters Stormwater Compliance Coordinator or Headquarters Environmental Section Manager with any questions regarding potential violation reporting.

Appendix D Mica Bay Background

SPOKESMANREVIEW.COM

Wednesday, May 1, 2002

Jesse Tinsley - The Spokesman-Review

Mica Bay residents Bill Swan, Patricia Swan,

Jim Yates and Caroline Griffin want answers fron the Idaho Transportation Department

about runoff into Mica Bay.

IDAHO

Mica Bay residents fight back

Transportation department gets blame for devastating runoff

Benjamin Shors

Staff writer

MICA BAY, Idaho _ From the boat launch at Mica Bay, Jim Yates points across an expanse of marshland to a distant piling where an osprey has taken residence.

"I could take my boat way back to that second piling to fish for bass," said Yates, who moved to the bay in 1963. "Not anymore. By summer, this will be a mud flat."

By summer, there may also be a lawsuit -- blaming the Idaho Transportation Department for sending tons of dirt into the bay.

On Wednesday night, about 50 residents gathered at the Northern Idaho Center for

Higher Education, where they formed a property owners' association to fight the department.

"In terms of pollution by sediment, I haven't seen anything worse," said Scott Reed, attorney for the association.

Residents and a growing number of government agencies blame the transportation department and its contractor for eroding several tons of sediment into the bay on the west shore of Lake Coeur d'Alene. They say th

e agency's work rebuilding a curvy section of U.S. Highway 95 has destroyed fish habitat, made boat docks inaccessible and gradually replaced water with wetlands.

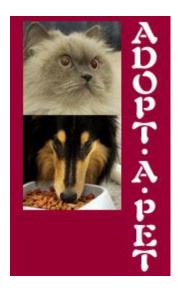
Even worse, homeowners say, is that state engineers were warned before construction began that a similar highway project in 1991 flooded the bay with soil.

A frustrated citizens group filed a notice of violation of state and federal water quality laws in April. Under federal law, the department has 60 days to change practices before a citizen lawsuit can proceed.

- Printer Friendly
- E-mail this story

INTERACT

- Submit a letter to the editor
- Ask a question at "Ask the Editors"



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Online Coupons

Lil' Ones Annual

A keepsake special section that parents and grandparents can treasure for a lifetime. The Lil' Ones Annual provides a perfect An ITD spokeswoman said the threat of lawsuit has not resulted in changes at the construction site.

"There have been a number of things in place for a while," said spokeswoman Barbara Babic on Tuesday. "Nothing has been put out there specifically because somebody threatened a lawsuit."

Babic defended the agency's work, stating it has only one pending claim for environmental damage.

But last week, state environmental regulators fined the transportation department and its contractor \$70,000 for discharging dirt into the tributaries of Mica Creek -- a penalty that will be negotiated in upcoming meetings between the two agencies.

The enforcement action demonstrated the Department of Environmental Quality's frustration with the ITD, which appeared to be "deliberately delaying mitigation," according to DEQ records.

The transportation department accumulated several hundred thousand dollars in fines in the last decade for environmental violations, and now also may face federal penalties for violating the Clean Water Act.

The department said its engineers have improved drainage at the site since last fall, when a state water specialist found streams running through piles of loose dirt and down near-vertical ditches. Twice, a 1.3 million gallon sediment pond failed, flooding the bay with a plume of silt.

An official with Seattle-based Scarsella Bros. Inc., the state's contractor, said the transportation department handled the design of the project, including plans to prevent soil discharge from the site.

"There's no flaws as far as our work is concerned," said Don Scarsella, a project manager with the company. "We've done everything that we were under contract to do."

"Personally, I think it's been overstated from what I've heard about the project," he said.

But in the bay, homeowners say just last week they watched a coffee-colored plume of sediment drift past homes and docks.

"It never stops," said Patricia Swann, who has photographed changes to the bay during the last 15 years. "ITD said they fixed the problem. We've never noticed any changes."

Before work began on the \$21 million construction project -- designed to realign and rebuild a dangerous 19-mile stretch of road -- residents repeatedly warned transportation engineers of the risk of siltation in the bay.

opportunity to cherish and share your precious little one.

Lil' Ones Annual

Home Services

Thinking about remodeling your house, building a deck, or finishing your basement? See our Home Services Directory to find a professional.

Home Services

Auto Review Online

View the new and used inventory of the areas biggest car dealers. www.autoreviewonline.com

The scars from the transportation department's last project here, begun in the early 1990s, remain visible from the bay.

Grass clumps slough from the steep banks leading up to the highway, where the vegetation failed to hold back the soil.

Residents attribute siltation in the bay to both the past project and the current work.

"I went to every hearing (ITD) had," said Yates, who attended the meeting with dozens of other homeowners. "We warned them. Water's going to run downhill. It's going to happen again. They didn't listen."

Department of Environmental Quality records bolster the homeowners' claims, asserting that ITD repeatedly disregarded requests to stem soil runoff.

DEQ sampling found elevated sediment levels, ranging from 10 to 1,000 times above normal in the Mica Creek watershed -- even in tests conducted after ITD's work this spring.

June Bergquist, DEQ's water quality specialist, referred all media inquiries to Boise this week. But in an interview last week, Bergquist detailed a litany of failures in ITD's handling of more than a dozen streams crossing the project.

"You just don't let a stream flow through dirt, especially highly mobile dirt," Bergquist said. "You need to plan where the stormwater is going to flow and what it's going to flow into. That wasn't done."

In a memorandum to agency heads this spring, Bergquist stated that the transportation department changed its stormwater plans, creating an "ineffective, nonsensical set of designs."

Culverts were set several feet too high to catch stream runoff. Several draws in the watershed did not have retaining walls to prevent erosion. ITD also OK'd the construction of the million-gallon sediment basin, even though a nearby basin working with similar soil types did not work.

"We've dealt with this type of violation for almost every major project ITD has had in the last 10 years," Bergquist said. "We had no intent of going down the enforcement pathway. But we were getting so little response, and the problem was so severe, that we needed to get ITD's attention."

Transportation department officials said plastic lining has been placed on slopes, and straw mulch and rocks have been added to prevent sloughing. Babic said a recent test showed water leaving the project was cleaner than nearby creeks.

Babic pointed out that Mica Creek has been listed by the state for its sediment problems.

"It's been a bad stream," Babic said. "It has historically had problems -- logging, grazing, farming and the natural erosion. Our project is one aspect."

Dave Stasney, a DEQ hydrogeologist, said a plan will be issued this month to guide agencies working along the embattled creek. The transportation department, for example, will assign workers to drive the roads and highways, listing problem areas that need to be repaired.

But prevention may no longer be a suitable option, said Jim Aucutt, chairman of Kootenai County Waterways Board.

"Given the damage they've done, they're going to have to dredge," Aucutt said. "I know it'd be expensive, but it's got to be done to save the bay."

BACK TO TOP



Department of Justice

FOR IMMEDIATE RELEASE WEDNESDAY, MAY 3, 2006 WWW.USDOJ.GOV

ENRD (202) 514-2007 TDD (202) 514-1888

Idaho Transportation Department and Contractor to Pay Total of \$895,000 to Settle Federal Storm Water Discharge Claims

WASHINGTON, D.C. – The Idaho Transportation Department (ITD) and contractor Scarsella Brothers, Inc. have agreed to pay \$895,000 for violations of the Clean Water Act during the construction of the Bellgrove-Mica realignment of Highway 95 near Lake Coeur d'Alene in Northern Idaho, the Justice Department and U.S. Environmental Protection Agency (EPA) announced today.

Today's settlement concludes a lawsuit which began in 2004, alleging that ITD and Scarsella Brothers failed to provide adequate storm water controls for a large highway project that later deposited many tons of sediment in Mica Creek, which flows into Mica Bay in Lake Coeur d'Alene.

Under the terms of the consent decrees, lodged today in the federal district court in Boise, Idaho, ITD will pay a penalty of \$495,000 and Scarsella Brothers will pay a \$400,000 civil penalty. As part of the settlement, ITD and Scarsella Brothers also have agreed to send their engineers and environmental inspectors to a certified storm water management training, and ITD has agreed to implement new construction management practices to help avoid future violations of the storm water regulations.

"The Idaho Transportation Department and Scarsella Brothers Construction Company failed to follow known best management practices and their actions had a significant impact on the receiving waters and on the Mica Bay portion of Lake Coeur d'Alene," said Assistant Attorney General Sue Ellen Wooldridge of the Justice Department's Environment and Natural Resources Division. "We are committed to enforcing environmental laws and to seeing that violators undertake the actions necessary to comply with storm water regulations in the future."

"Runoff from construction sites is a major contributor to water quality impairment in the U.S. The EPA is aggressively enforcing federal regulations to help control this problem," said Granta Y. Nakayama, EPA's Assistant Administrator for the Office of Enforcement and Compliance Assurance. "This settlement will result in improved water quality and is a signal of the Agency's commitment to enforcement of our nation's environmental laws and regulations."

In a related action brought in state court, Scarsella will pay half a million dollars to the Mica Bay Homeowners Association to settle claims for property damage allegedly caused by sediment

discharges from the site. The Association intends to use the money for environmental improvement projects in the Mica Bay watershed.

The penalty in these two cases is the largest EPA Region 10 has imposed thus far as part of its regional storm water compliance initiative. Although the initiative began in 2001 with several years of intensive outreach, including workshops, mailers, and an expanded website, it was not until 2005, after EPA stepped up its inspection and enforcement efforts, that the region saw a dramatic increase in compliance rates.

Between June 2004 and April 2005, the number of construction site operators in Idaho signed up for the Construction General Permit rose 112 percent. EPA inspectors have also noted that construction site operators are increasingly in compliance with the permit's requirements to design, install, and maintain storm water controls to prevent common construction site pollutants such as sediment, petroleum products, and concrete washout from discharging into nearby waterways. Since the initiative began, EPA has brought cases against more than 100 operators.

The proposed consent decree lodged today is open for a 30-day public comment period. A copy of the consent decree is available on the Department of Justice website at http://www.usdoj.gov/enrd/open.html.

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06-261

Appendix E

Stormwater Inspection 66-78

(Burma Road CGP/CEI CD includes all inspections; 1-78)



Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12) itd.idaho.gov

Inspection Identification Number*1-09462-66

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been

Section 1	Project Infor	mation							
Key Number	Project Number				Project Name				
09462	STP-5723(100)			Burma Ro	d; Gothan	n Bay Rd to J	ICT S	H-97
ITD District	Resident Engineer						L	NPDES Tracking No.	
[1	Todd Bartolom	е							2C962
Prime Contracto	r's Name		1	actor's NPDES	Tracking No.		The second second	NOT I	Yes, Date NOT Filed
Apollo, Inc.			IDR1	12C974		☐ Yes	⊠ No		
Section 2 -	Inspector Inf	formation				·			
inspected By	- WATER CONTRACTOR OF THE CONT					ITE	Inspector Quali	fication	Program Number (IQP)
Jeremy Jenk	ins and Teresa	Neumann				22	,155		
Inspector(s) Des	-							والد	
☑Joint ITD	and WPCM	☐ITD Environn	nenta	I ∏Cor	ntractor's V	VPCM	☐ Other/	3 ^{ro} Pa	nrty
Section 3–inspection and Weather Information									
Inspection No.	to. Current Inspection Date			Previous Inspe	ction Date		Number of D	ays Sin	ce Last Inspection
66	1/22/2014			1/15//2014		<u> </u>	7		
Reason for Inspection Explanation (if required)									
⊠ Routine □ Rain Event									
Current Weather	Conditions and Ten	nperature					event since the		
Clear 31 deg	rees F.			Rain Gage i of 1-22-201		contracto	rs yard show	ed U.C	on the morning
Section 4-	Construction	and Stabilizat	ion/S	WPPPRed	cordkeep	ing Stat	us		
Estimate the	construction site	and construction	suppo	rt activity an	ea currently	y disturbe	d and unstabi	lized.	0 Acres
Estimate the erosion contro		and construction	supp	ort activity ar	ea current	ly tempora	arily stabilized	with	13 Acres
Estimate the	construction site	and construction has yet to be distu							15 Acres
Provide the to should add up narrative, and	Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP 28 Acres narrative, and NOI.								
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.									
	1/9/2014 Provide the date of the most recent SWPPP update or modification. SWPPP mod. 14								
Comments Project is in winter shutdown. The obove mentioned SWPPP mod is awaiting signature from LHTAC for reduced site inspections through the remainder of the winter time shutdown.									
		Areas, Discha					ols(BMPs)	Inspe	ected
For any areas	For any areas <u>not</u> inspected, include the reason in the Observations section.								

Construction Areas

Area	Station No. or Location Description	Observations			
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	No reportable observations Dec Section (0-			
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations			

ITD 2802, Rev. 11-28-12

Page 1 of 5

Area	Station No. or Location Description	Observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling		Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention Plan. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No track out noted.

Asta si

Discharge Points - Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details. Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+46 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Holding well for now. Wildlife traffic is causing a fair amount of damage to slopes.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations
Spill containments, washout basins etc.	General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 it. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6-Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

item No.	Location	Action Taken	Date Completed
1		No Items Completed since last inspection	

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	47+60 and 66+00 lt.	Slope failure repairs are being corrected at the time of this inspection as per the AVO submitted By Randy Durland On 1-17-2014.	Completed on 1-22-2014
2	71+40 lt.	A corrective action to repair the slope at the before mentioned Stationing is required. Fallure to repair this area will result in a near future slope failure.	1-29-2014

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance A decision by LHTAC's Resident Engineer, Todd Bartolome was made on the morning of 1-22-2014 to not repair the slope at station 71+40 lt. This decision was conveyed to the project superintendent in the late afternoon on the same day by DEA's Randy Durland. Plans to repair this area as had been prviously decided on 1-20-2014 was stopped do to this decision.

It is Noted by The Projects Superintendent and WPCM that this area will fail beyond and worse than its current state without further attention.

A corrective action will be submitted following this report to repair this area withen 7 calender days as per CGP requirements 5.2.1

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

S۷	/PPP per CGP 5.4.
\boxtimes	Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
	The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
	One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)
Su	mmary of Inspection Findings - Check all that apply
Σ	☑No Maintenance Requirements were noted in the <u>previous</u> inspection report.
	All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have been</u> satisfactorily completed.
· E	All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed.
Σ	☑NewMaintenance Requirements have been identified in the <u>current</u> inspection report.
	BMP Installation Requirements per SWPPP have been identified in the <u>current</u> inspection report.
Σ	Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

Page 4 of 5

Conditions exist that triggered the need to submit an ITD 2790.					
Section 7 - Other Outstanding Items or Notes					
Document Outstanding Issues or Other Project Information Not Des Turbidity Sampling is currently being done once a week of Schedual will change to that described in SWPPP mod 14 List any Permits/Special Operating Conditions for the Project	when pre once final	cipitation ac signatures	cumalat are obta	ions reac ined.	h .5 inch or more.
2012 Construction General Permit; US Army Corps of Eng Department Of Environmental Quality 401 Permit, June 4 2		rmit# NWW	-2012-6	01-B02 J	une 8 2012; Idaho
		Key Number		ian Abaniana	Current Inspection Date
Section 8 - Inspection Certification		09462	66 66	on Number	1/22/2014
Primary Inspector's Name (Type or Print)	<u> </u>		····		
Teresa Neumann					
Primary Inspector's Signature				Date Sig	ned
Gerse Neumann					
Water Poliution Control Manager (WPCM) Signature)				
WPCM Name (Type or Print)	WPCM Train	ning Qualification	n Date W	/PCM Traini	ng Qualification Number
Jeremy Jenkins	11/21/201	12	Α		120212012
WPCM Signature		***************************************		Date Sig	
				1-2	3-2014
I have received a copy of this inspection report and been info Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons)	oelow)		·		
If contractor disagrees with findings and recommended Maintenance Require	ments and/or	Corrective Action	ons, speci	iy reasonsin	the space below
Must be signed by Prime Contractor or Duly Authorized Repnil 1 certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly gmy inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, trupenalties for submitting false information, including the possibility of	were prepa athered and se persons d s, accurate,	evaluated the lirectly respon- and complete.	informat sible for و I am aw	ion contair pathering the rare that th	ned therein. Based on the information, the ere are significant
Prime Contractor or Duly Authorized Representative's Name (Type or Print)	i i	Title	1		
Brett Brown, Prime Contractor or Duly Authorized Representative's Signature		Project Eng		Date Sign	
Printe Contractor of Dary Authorized Nepresentative's digitalitie	D\	pitally signed by Brett Brow It cn=81ett Brown, o≃Apolic nall=brettb@apollo-gc.com, te: 20 4.01, 24 07:05:56 -08'	inc.,ou,	1/24/	
Section 9 – ITD Compliance Certification - Must be self-certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly generally of the person or persons who manage the system, or thou information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of District Engineer or Authorized Representative's Name (Type or Print) Todd Bartolome, PE District Engineer or Authorized Representative's Signature	were prepa athered and se persons d a, accurate, a fine and Imp	red under my evaluated the lirectly respon- and complete, risonment for Title LHTAC	direction informat sible for g I am aw knowing Resid	or supervision contain gathering that the violations." ent Englin Date Sign	sion in accordance led therein: Based on the information, the ere are significant
Distribution: Original – DE Copies – RE DEM.	Dist. Env.	HQ ENV SW	PP Co	ntractor	ι '



Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12) itd.ldaha.gov

Inspection Identification Number*1-09462-67

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1	Project Info	rmation									
Key Number					Project Name						
09462	STP-5723(100)				Burma Rd; Gotham Bay Rd to JCT SH-97						
ITD District	_						א סדו	IPDES Trackin	g No.		
1							IDR	12C962			
	rime Contractor's Name Contractor's NPDES Tracking No. Contractor Has Filed Their NOT					NOT I	lf Yes, Date No	OT Filed			
Apollo, Inc.	*	and the state of t	IDR	12C974	· · · · · · · · · · · · · · · · · · ·	<u> </u>	36	⊠ No			(Library and Library and Libra
	- Inspector In	formation									
Inspected By					11				fication	Program Num	iber (IQP)
		umann and Karis	sa H	ardy			22,16	5 5 (rki)		23187	(KA)
inspector(s) D	_								~ ***		
⊠yoint 11 r	and WPCM	☐ITD Environm	1enta	II Coi	ntractor's V	VPCM		Other/	314 P	arty	product despressions
Section 3	-Inspection a	nd Weather info	orme	ition							
Inspection No.	,	ion Date		Previous Inspe-	ction Date			Number of D	ays Sit	nce Last Inspe	otion
67	1/29/2014			1/22//2014				7			
Reason for Ir	·	Explanation (if req	uired)								
Routine	☐ Rain Event	·	· · · · · · · · · · · · · · · · · · ·			·			***********************		
	er Conditions and Ter	mperature is currently active	24	Describe each	neasureable (precipitat	tion eve	ent since the l	ast ins	pection	
		3+ inches on the		Rain Gage i	ocated in o	contrac	ctors v	vard show	ed 0.0	0 on the mo	ornina
ground from	n the current sno			of 1-29-201		, , ,		,			
30 degrees	F	,						M	****		
Section 4	– Constructio	nand Stabilizati	on/s	WPPPRed	ordkeep	ing St	tatus	i			
		eand construction s									
erosion con	trols	and construction						······································		12.9 Acre	es
with <u>erosion</u>	controls, or that	e and construction has yet to be distu	rbed	by construct	lon activitie	s and i	is ther	efore stabi	lized.	15 Acres	
Provide the	total acreage of c	disturbance expect	ed, o	r the total pro	oject footpri	int. The	e prev	lous 3 box	es	00.4	
should add narrative, ar		t, and it should mat	ich W	hat is shown	on the pro	ject pia	ins, 5	Whhh		28 Acres	
The SWPP	reflects the mos	et current project co	onditi	ons including	orading, st	tabiliza	tion, a	and BMP		1570	[""]N.L.
installation.			/							⊠Yes	□No
M	1/22/2014										
Provide the	Provide the date of the most recent SWPPP update or modification. SWPPP mod. 15					moa.					
Project is in winter shutdown. The numbers in the first and second line of section #4 changed from the											
previous report due to a couple problem areas. See section 6 for further detail.											
SVYPPP mod 14 that was previously mentioned was not executed. Svyppp mod 14 will not be made											
effective.											
<u>Section 5</u> -Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected For any areas not inspected, include the reason in the Observations section.											
Construction Areas											
	Area	Stati	on N	o, or Location) Descriptio	n		Öbs	ervati	ons	

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Page 1 of 6

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	A couple problem slope areas will need to be addressed. Current BMP's not effective to maintain WQS's. See section 6 below for further detail.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment ldt is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Discharge Points - Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Cheervations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated iD water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)
Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details. Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+60-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-68+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ faet total. Continued silt fence another est. 500 feet on the south east line Perimeter controle58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 146+46 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45 10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt.	No reportable observations Mulch/Tackifier not sufficient enough in a couple areas on the slopes where hill side seeps have caused problems.
Hydro mulch/tackifier	56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	See Section 6 below for further details Wildlife traffic is also causing a fair amount of damage to slopes. (Currently not visable due to the new snow covering)
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+80, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 it. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6-Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item	No.	Location	Action Taken	Date Completed
1		EALAMONE I STRIKT STRAMITET FE	Slope failure repairs have been done as per the AVO submitted By Randy Durland On 1-17-2014.	Completed on 1-22-2014

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Private drive (Litten Lane) plan station left	Repair slope failure. Another corrective action report will not be going out for this area. It is currently fitting for this area to be included with SWPPP mod/corrective action 15. This area will be addressed when SWPPP mod 15 is fulfilled. See notes in line 2 below	See below
2	<mark>71+40 lt.</mark>	A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair this area will result in a near future slope failure. (SWPPP mod/Corrective action 15 submitted 1-22-14 and mentioned in the previous report was not completed. Storm Water team is devising a better more permanent solution to this area and other areas with like problems. A plan is in the works however the team is researching product and material types that would be best suited for the situation.)	A repair date has yet to be determined but will be in the near future

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance none at this time

fa	nditions Triggering Corrective Action Report ny of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the PPP per CGP 5.4.
	Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in Initial SWPPP)
	The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
	One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

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Summary of Inspection Findings - Check all that app	ly							
☐No Maintenance Requirements were noted in the previo	<u>us</u> inspecti	on report.						
All Maintenance Requirements noted in the <u>previous</u> inspection report have been satisfactorily completed.								
All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed.								
	☑NewMaintenance Requirements have been identified in the <u>current</u> inspection report.							
	BMP installation Requirements per SWPPP have been identified in the <u>current</u> inspection report.							
Conditions existthat triggeredan entry into the Corrective			•	-	r CGP 5 A			
Conditions exist that triggered the need to submit an ITI		obouning roa		Otti i po	(((((((((((((((((((
Section 7 - Other Outstanding Items or Notes	Z (00.							
	L		.41-					
Document Outstanding Issues or Other Project Information Not Des Turbidity Sampling is currently being done once a week or	ignated as a when pre-	a Corrective Ad Cipitation ac	aion oi Sumail	r iviaintenandi atlona reac	e Requirement h. 5 Inch or more			
Schedual will change to that described in SWPPP mod 14	once final	signatures	are ob	tained.	in to inter or ritore,			
List any Permits/Special Operating Conditions for the Project		· · · · · · · · · · · · · · · · · · ·						
2012 Construction General Permit; US Army Corps of Eng Department Of Environmental Quality 401 Permit, June 4 20	nieeis Pei 012.	ITHE # MANAN-	·2012·	-001-1502 Ji	une a zurz; Idano			
		DZ-LAN-		-Alex Maratria				
Section 8 - Inspection Certification		Key Number 09462	67	reamuvi nouser	Current Inspection Date 1/29/2014			
		03702	10,	**************************************	DAVIAVIT			
Primary Inspector's Name (Type or Print)	***************************************				The state of the s			
Teresa Neumann	·····							
Primary-Inspector's Signature (MMA Mumbum	and a supplementation of the supplementation	erie in a second and a second and a second a se		Date Sign	ned 9 - 14			
Water Pollution Control Manager (WPCM) Signature								
WPGM Name (Type or Print)	WPCM Train	ning Qualification	n Dete		ng Qualification Number			
Jeremy Jenkins	11/21/20	12			120212012			
WPCM Signature		-		Date Sign				
			****	1-2	9-2014			
Contractors Acknowledgment – Receipt of Inspection I have received a copy of this inspection report and been informations, and:								
I agree with the inspection findings								
☐ I disagree with the inspection findings (specify reasons b								
If contractor disagrees with findings and recommended Maintenance Require	ments and/o	Corrective Acti	ons, sp	ecify reasonsin	the space below			
Must be signed by Prime Contractor or Duly Authorized Represults of the Prime Contractor or Duly Authorized Represults of the Prime Contractor or Duly Authorized Represults of the person of the person of persons who manage the system, or those information contained is, to the peet of my knowledge and belief, true penalties for submitting false information, including the possibility of Prime Contractor or Duly Authorized Representative's Name (Type or Print)	were prepa athered and se persons d s, accurate,	l evaluated the lirectly respon- and complete.	inform sible fo I am	nation contair or gathering ti aware that th	ned therein. Based on ne information, the ere are significant			
Brett Brown,		Project Eng	ineer	<u>'</u>				
Prime Contractor or Duly Authorized Representative's Signature	Det	Rally Spreed by Brett Brown on-Brittlerawn, on-Apolloine, a all-breittgrapidio-gocom, a-US et 2014 oz.04 1819.04 -00'00'		Date Sign	ned 4/2014			

Section 9 - ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Re	presentative's Name (Type or Print)		Title		
Todd Bartolome, PE		LHTAC Re	LHTAC Resident Engineer		
District Engineer or Authorized Re	presentative's Signature			Date Signed	
Distribution: Original - DE	Copies - RE DEM.	Dist. Env.	HQ ENV SWPP	Contractor	



Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12) itd.idaho.gov

Inspection Identification Number*1-09462-68

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1	Project Information						
Key Number	Project Name						
09462	STP-5723(100) Burma Rd; Gotham Bay Rd to JCT SH-						H-97
ITO District						PDES Tracking No.	
1	Todd Bartolome					IDR1	2C962
Prime Contracto	r's Name		NPDES Tracking No.			NOT I	Yes, Date NOT Filed
Apollo, inc.		IDR12C97	74	☐ Ye	3 🗵 No		· · · · · · · · · · · · · · · · · · ·
	Inspector Information						
Inspected By				ŢĪ.	TD Inspector Qual	ification	Program Number (IQP)
	ins, Randy Durland			;	20,4 34		
Inspector(s) Des	₹		######################################			cd	
⊠Joint ITD	and WPCM ITD Environs	nental	☐Contractor's V	VPCM	☐ Other	/3" Pa	ırty
	inspection and Weather Inf	ormation					
Inspection No.	Current inspection Date		is Inspection Date			Days Sin	ice Last Inspection
68	2/5/2014	1/29//	/2014				
Reason for Ins	• • • •	(ulred)					, , , , , , , , , , , , , , , , , , , ,
Routine	☐ Rain Event						
Current Weather	Conditions and Temperature		e each measureable p Gage located in o				
Clear 1 degr	ee F.		-2014.	JUHUAG	iois yaid show	eu v.u	on the morning
Section 4	Constructionand Stabilizat	ion/SWPF	PRecordkeep	ing St	atus		
Estimate the	construction siteand construction	support acti	ivity area currently	/ disturt	ed and unstab	ilized.	.1 Acres
Estimate the erosion contri	construction site and construction ols.	support act	tivity area currenti	y <u>tempo</u>	<u>crarily</u> stabilized	d with	12.9 Acres
Estimate the with <u>erosion</u> o	construction site and construction controls, or that has <u>yet to be dist</u> u	<u>irbed</u> by cor	nstruction activitle	s and is	therefore stab	ilized.	15 Acres
should add up	Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP 28 Acres harrative, and NOI.						
The SWPPP installation.	reflects the most current project c	onditions in	cludinggrading, st	abilizati	on, and BMP		⊠Yes □No
Provide the d	1/22/2014 Provide the date of the most recent SWPPP update or modification. 1/22/2014 SWPPP mod. 15						SWPPP mod.
Comments F	Project is in winter shutdown. Se	e Report#	67 for explanation	n on th	e figures in se	ction 4	
Section 5	Construction Areas Discha	rae Point	e and installe	d Conf	role/RMPe\	Inene	eted

<u>Section 5</u>—Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected For any areas <u>not</u> inspected, include the reason in the Observations section.

Construction Areas

OUNDERGOUND ALCOS		
Area	Station No. or Location Description	Observations
	All areas stabilized for winter	A couple problem slope areas will need to
Areas Cleared, Graded, or Excavated	time shutdown with either	be addressed. Current BMP's not
Wiege Cleared' Claded' OLEXCHARG	permanent or temporary erosion	effective to maintain WQS's.
	controls.	See section 6 below for further detail.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations

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Area	Station No. or Location Description	Observations .
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Aste sit

Discharge Points - Includes stormwater, non-stormwater, and other potential pollutant sources

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)
Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbicity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintanance, or if additional controls are needed (4.1.6.6.c)
Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
	14+50-15+75 14+82-15+50	
	16+10-18+-25 18+55-22+30	
	22+30-24+00 27+62-35+25	İ
	35+22-39+80 39+80-58+38	
	Contractors yard on South Carlin	
	Bay Rd. Around perimeter of	
	waste site. 1,900+ feet total.	
	Continued silt fence another est.	
	500 feet on the south east line	}
	Perimeter controls58+38 rt. To	
	77+83, 77+83 rt. Paralleling Carlin	1
	Bay rd. est. 75 feet. Installed Wire	
	backed silt fence. Altered silt	
	fence location from SWPPP plan.	
Perimeter controls	Moved fence down the slope to	Na sanastaha ahaassatama
(Silt fence)	the project limits to allow for	No reportable observations
-	future clearing	
	78+40 to 92+00 rt.	
	92+00 to 93+00 rt.	
	93+00 to 110+17.	
	110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00	
	differs from SWPPP, fence runs	
	continuous	
	All perimeter controls as per	
	SWPPP installed except those that	
	would affect or be in the way of	
	traffic on Burma Rd.	
	78+60 to 79+25 rt.	
	120+60 Rt. 30 feet to the right	
	70+99 to 119+00 rt. as per	
	SWPPP	
	119+00 to 157+00.	
Fiber Wattles	145+45 rt.	No reportable observations
Lines sauries	At outfall side of cross culverts,	
	STA's 68+00, 74+80, 75+40 left	
	and right 84+00, 89+20, 96+50	
	and 104+45	
	10+50 to 38+00	Mulch/Tackifler not sufficient enough in a
	11+00 to 24+50. Lt.	couple areas on the slopes where hill side
	24+50 to 56+00 lt.	seeps have caused problems.
Hydro mulch/tackifier	56+00 to 78+00 lt.	See Section 6 below for further details
	101+00 lt. to 123+00 lt.	Wildlife traffic is also causing a fair amount
	123+00 to 136+00 lt.	of damage to slopes. (Currently not visable due to the snow covering)
· · · · · · · · · · · · · · · · · · ·	Rock check dams combined with	
	rock lined ditch @ STA 78+50 rt.	
Check dams, berms, sandbags	(north side of Carlin Bay Rd.)	
etc.	Rock check dams installed up	No reportable observations
	hill from and with injet	
	protections	

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6-Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

AATIMITOOD OTTOW BOOK TO POSITIVE							
Item No.	Location	Action Taken	Date Completed				
1							

Identified During Current Inspection

ltem No.	Location	Action Required	Date to be Completed	
1	Private drive (Litten Lane) plan station left	Repair slope failure. Another corrective action report will not be going out for this area. It is currently fitting for this area to be included with SWPPP mod/corrective action 15. This area will be addressed when SWPPP mod 15 is fulfilled. See notes in line 2 below	See below	
2	71+40 lt.	A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair this area will result in a near future slope failure. (SWPPP mod/Corrective action 15 submitted 1-22-14 and mentioned in report # 66 was not completed. Storm Water team Has devised a plan to pierform these repairs. Inclement weather and freezing temperatures has this work on temporary hold.)	A repair date has yet to be determined but will be in the near future	

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance none at this time

Conditions Triggering Co	orrective Ac	tion Report
--------------------------	--------------	-------------

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- No Maintenance Requirements were noted in the previous inspection report.
- All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have been</u> satisfactorily completed.
- All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed.

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☑NewMaintenance Requirements have been identified in ☐ BMP Installation Requirements per SWPPP have been ☐Conditions existthat triggeredan entry into the Corrective ☐ Conditions exist that triggered the need to submit a	i identified li e Actions R	n the <u>current</u>	inspectio		CGP 5.4.	
Section 7 - Other Outstanding Items or Notes						
Document Outstanding Issues or Other Project Information Not De Turbidity Sampling is currently being done once a week o In the areas as described in the 401 certification.	signated as a r when pre	a Corrective Ac cipitation acc	ction or Ma cumalatio	intenance l ons reach	Requirement .5 inch or n	nore.
List any Permits/Special Operating Conditions for the Project 2012 Construction General Permit; US Army Corps of En Department Of Environmental Quality 401 Permit, June 4 2	gineers Pe 2012.	rmit # NWW-	2012-60	1-B02 Jur	ne 8 2012; i	daho
Section 8 - Inspection Certification		Key Number 09462	Inspection 68	I .	Current Inspect 2/5/2014	ion Date
Primary Inspector's Name (Type or Print)	Paradial Control Contr			<u>,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	-17,	
Randy durland	J. S.					
Primary Inspector's Signature			112 11 11 11 11 11 11 11 11 11 11 11 11	Date Signs	o 7-14	/
Water Pollution Control Manager (WPCM) Signature WPCM Name (Type or Print)	WPCM Trail	ning Qualification	n Date WF	CM Training	Qualification N	lumber
Jeremy Jenkins	11/21/20	-		3C-90-112		
WPCM Signature	1,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	I _{W110} -,	Date Signe	d	
		***************************************		2-6-	2014	
I have received a copy of this inspection report and been info Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons	below)	·				
If contractor disagrees with findings and recommended Maintenance Require	ements and/o	r Corrective Acti	ons, specify	reasonsin th	e space below	,
Must be signed by Prime Contractor or Duly Authorized Reprint Control of the penalty of law that this document and all attachment with a system designed to assure that qualified personnel properly my inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, to penalties for submitting false information, including the possibility of	ts were prepa gathered and use persons of ue, accurate, f fine and imp	i evaluated the directly respon- and complete.	information sible for gr I am awa	on containe athering the are that ther	d therein. Ba information,	ised on the
Prime Contractor or Duly Authorized Representative's Name (Type or Print) Brett Brown,		Title Orginal See	danar			
Prime Contractor or Duly Authorized Representative's Signature	Dietra	Project Eng	JI (60)	Date Signe	ď	
Est	DN: cri- email-i Cate: 3	ly rigned by Frett Brown Effett Brown oz Apoda Inc., ov, brettheapollo-gazem, :=US 014.02.16 bysig-26-0800'	<u> </u>	2/10/20		
Section 9 – ITD Compliance Certification - <u>Must be</u> "I certify under penalty of law that this document and all attachment with a system designed to assure that qualified personnel properly my inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, tru penalties for submitting false information, including the possibility of	s were prepa gathered and se persons d e, accurate,	ared under my I evaluated the directly respon- and complete.	direction of information albie for ga I am awa	or supervision on containe athering the are that ther	in in accorda d therein. Ba Information,	nce ised on the
District Engineer or Authorized Representative's Name (Type or Print) Todd Bartolome, PE	- 111	Title		ent Engine	or	
District Engineer or Authorized Representative's Signature		Lan IAC	> 1/03MG	Date Signe		
- Too				2/19	3/2014	
Distribution: Original - DE Copies - RE DEM.	Dist. Env.	HQ ENV SW	PP Cor	itractor	· ·	
TTN 2902 Day 41-29-42	ade 5 of 5					



ITD 2802 (Rev. 11-28-12) itd.idaho.gov

Inspection Identification Number*1-09462-68

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Key Number	Project Number		Project Nam	е					
09462	STP-5723(100)		Burma Rd; Gotham Bay Rd to JCT SH-97						
ITD District	Resident Engineer						1	NPDES Tracking	Na.
1 .	Todd Bartolome						IDF	R12C962	
Prime Contracto	r's Name	Contractor's NPDES	Tracking No.	Contrac	ctor Ha	s Filed Their	NOT	If Yes, Date NO	T Filed
Apollo, Inc.		IDR12C974			8	⊠ No	.	•	
Section 2 -	Inspector Information								
Inspected By					ITD In	spector Qua	lificatio	n Program Num	ber (IQP)
	ins and Tony Butler				22,32	25			
nspector(s) Des				,,,,,,,					, ,
⊠Joint ITD	and WPCM	mental ∏Co	ntractor's V	VPCM		Other	/3 rd F	arty	
Section 3-	Inspection and Weather Inf	ormation							
nspection No.	Current Inspection Date	Previous Insp	oction Date	· · · · · · · · · · · · · · · · · · ·		Number of	Days S	ince Last Inspec	tion
69	2/12/2014	2/5/2014				7			
Reason for Ins	pection Explanation (if rec	quired)	,	-					
⊠ Routine	☐ Rain Event			· .		•			
Current Weather	Conditions and Temperature	Describe each							
								.45 on the m s there was i	
Mindy 43 de	grees F	precipitatio	n helween	the 5 th	and t	he 11th	icir a	e mere mas i	JQ .
		Rain gage					2-12-2	2014. (rain)	· · ·
Section 4	Constructionand Stabilizat	ion/SWPPPRe	cordkeep	ing S	tatus	, Samuel			
	construction siteand construction					·	****		
Estimate the erosion contr	construction site and construction ols.	support activity a	rea current	ly <u>temp</u>	<u>oraril</u>	y stabilize	d with	12.9 Acre	8
	construction site and construction controls, or that has yet to be dist.							15 Acres	
	otal acreage of disturbance expec							**	
should add up narrative, and	o to this amount, and it should ma I NOI.	itch what is show	on the pro	ject pla	ns, S	WPPP		28 Acres	
The SWPPP nstallation.	reflects the most current project o	onditions includin	ggrading, si	tabiliza	tion, a	ind BMP		⊠Yes	□No
Provide the d	ate of the most recent SWPPP up	odate or modificat	ion.					1/22/2014 SWPPP n 15	
Comments F	Project is in winter shutdown. Se	e Report #67 fo	explanatio	n on th	ne figi	ures in se	ction	4.	
			or residue of the co			/DEF			
	Construction Areas, Discha				itrois	(BIMPS)	ınsp	ected	
CH 2011/07 (2) PARAS	THE THE PARTY OF THE PARTY OF THE PROPERTY OF THE PARTY O		LOUIS THE PROPERTY OF THE PARTY.						

Collegia (Cito) i Micse						
Area	Station No. or Location Description	Observations				
	All areas stabilized for winter	A couple problem slope areas will need to				
Areas Cleared, Graded, or Excavated	time shutdown with either	be addressed. Current BMP's not				
Aleas Oleated, Gladed, of Excavated	permanent or temporary erosion	effective to maintain WQS's.				
	controls.	See section 6 below for further detail.				

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Page 1 of 6

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

late si

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est, 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Urinamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details. Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)

Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+82-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Mulch/Tackifier not sufficient enough in a couple areas on the slopes where hill side seeps have caused problems. See Section 6 below for further details Wildlife traffic is also causing a fair amount of damage to slopes. (Currently not visable due to the snow covering)
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Split containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 it. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Completed Since Last Inspection

item No.	Location	Action Teken	Date Completed
1			

Item No.	Location	Action Required	Date to be Completed
1	Private drive (Litten Lane) plan station left	Repair slope failure. Another corrective action report will not be going out for this area. It is currently fitting for this area to be included with SWPPP mod/corrective action 15. This area will be addressed when SWPPP mod 15 is fulfilled. See notes in line 2 below	See below
2	<mark>71+40 lt.</mark>	A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair this area will result in a near future slope failure. (SWPPP mod/Corrective action 15 submitted 1-22-14 and mentioned in report # 66 was not completed. Storm Water team Has devised a plan to p[erform these repairs. Inclement weather and freezing temperatures has this work on temporary hold.)	A repair date has yet to be determined but will be in the near future
3			

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance none at this time

lf any	ditions Triggering Corrective Action Report of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the PP per CGP 5.4.
	Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
	he stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards r applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
	One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous naterial)
Sum	mary of Inspection Findings - Check all that apply
	No Maintenance Requirements were noted in the <u>previous</u> inspection report.

Summary of Inspection Find	dings - Check all that apply
☐No Maintenance Requireme	nts were noted in the <u>previous</u> inspection report.
☐All Maintenance Requireme	nts noted in the <u>previous</u> inspection report have been satisfactorily completed.
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☑All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed.						
NewMaintenance Requirements have been identified in the current inspection report.						
☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.						
Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.						
☐ Conditions exist that triggered the need to submit an ITD 2790.						
Section 7 - Other Outstanding Items or Notes						
Document Outstanding Issues or Other Project Information Not Des						
Turbidity Sampling is currently being done once a week or	when precipitation acc	cumalations rea	ch .5 inch or more.			
In the areas as described in the 401 certification. List any Permits/Special Operating Conditions for the Project	A SHEET OF THE SHE					
2012 Construction General Permit; US Army Corps of Eng	ineers Permit # NWW-	2012-601-B02	June 8 2012: Idaho			
Department Of Environmental Quality 401 Permit, June 4 20	012.					
	Key Number	Inspector Number	r Current Inspection Date			
Section 8 - Inspection Certification	09462	68 69	2/12/2014			
	103402	00	21 (2/2014			
Primary Inspector's Name (Type or Print)	——————————————————————————————————————	<u></u>				
Rendy durland TONY BUTLER						
Primary Inspector's Signature		Date S				
I full		Z~	-13-2014			
Water Pollution Control Manager (WPCM) Signature	1					
WPCM Name (Type or Print)	WPCM Treining Qualification	ž .				
Jeremy Jenkins	11/21/2012		1120212012			
WPCM Signature		Date 8	T			
	7 4 market 1	12-	13-2014			
Contractors Acknowledgment – Receipt of Inspection I have received a copy of this inspection report and been infole Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons to	rmed of Maintenance Re					
If contractor disagrees with findings and recommended Maintenance Require	•	ons, specify reasons	in the space below			
Must be signed by Prime Contractor or Duly Authorized Repre- "I certify under penalty of law that this document and all attachments	esentative	. II.	.f. 1. / 2			
with a system designed to assure that qualified personnel properly g my inquiry of the person or persons who manage the system, or thou information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of	athered and evaluated the se persons directly respon- s, accurate, and complete.	information conta sible for gathering I am aware that	ined therein. Based on the information, the here are significant			
Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title		***************************************			
Brett Brown,	Project Eng	ineer,				
Prime Contractor or Duly Authorized Representative's Signature	Object Brown Only con-Brett Brown	Date S	i n			
	emall-bretth papollo-gc.com, c= Date: 2014,02.14 i5:36:34-08:00*	2/14	/2014			
Section 9 - ITD Compliance Certification - Must be said certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly grow inquiry of the person or persons who manage the system, or those	were prepared under my athered and evaluated the	direction or super- information conta	rision in accordance inad therein. Based on			
information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."						
District Engineer or Authorized Representative's Name (Type or Print)	Title		, , , , , , , , , , , , , , , , , , , ,			
Todd Bartolome, PE	LHTAC	Resident Eng				
District Engineer or Authorized Representative's Signature		Date S	19/2014			
(TD 2802 Rev 11-28-12	ore 5 of 6		year			



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Inspection Identification Number*1-09462-70

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Ontolog.									
Section 1	- Project Infor	mation							
Key Number	Project Number			Project N	ame)			
09462	STP-5723(100) Burma Rd; Gotham Bay Rd to JCT SH-97								
ITD District	Resident Engineer							ITD N	NPDES Tracking No.
1	Todd Bartolom	ie						IDR	12C962
Prime Contract	J or's Name		Cont	ractor's NPDES Tracking N	No.	Contracto	r Has Filed Their		If Yes, Date NOT Filed
Apollo, Inc.			1	12C974	•	☐ Yes	⊠ No		11 100, 20,011011 1100
r ipono, irio.							<u> </u>		
Section 2	- Inspector In	formation							
Inspected By						IT	D Inspector Quali	ficatio	n Program Number (IQP)
Jeremy Jen	kins					N	/A		
Inspector(s) De	signation					· · · · · · · · · · · · · · · · · · ·			
☐Joint ITD	and WPCM	☐ITD Environr	nenta	al ⊠Contractor':	s W	/PCM	☐ Other	$13_{\rm ld}$ b	arty arty
Section 3	Increation as	nd Weather Inf	o Pro	ation		•			
Inspection No.	Current Inspect	`	OI FH AC	Previous Inspection Date			Number of C	lave C	ince Last Inspection
70	2/17/2014	ion Date		2/12/2014			5	zays o	ince cast inspection
L		Tr		<u> </u>		· · · · · · · · · · · · · · · · · · ·			
Reason for In	*	Explanation (if rec	luirea)					
Routine	⊠ Rain Event	i							
Current Weathe	er Conditions and Tel	mperature		Describe each measureal Rain Gage located					
		4		of 2-15-2014. anoth					
Rainy with li	ght wind 39 deg	grees F.		and continueing thr					
	•			9:30 am. the gage v	Nas	emptie	d although the	e rair	n event was
				continueing.					
Section 4	- Construction	nand Stabilizat	ion/	SWPPPRecordke	epi	ing Sta	tus		
Estimate the	construction site	eand construction	supp	ort activity area curre	ntly	disturbe	ed and unstab	ilized	1 Acres
Estimate the	construction site	e and construction	supp	oort activity area curre	entl	y <u>tempo</u> i	arily stabilized	t with	12.9 Acres
erosion cont	rols.								12.9 ACIES
				oort activity area curre by construction activ					15 Acres
				or the total project foo				es	
	1.1.01	t, and it should ma	itch w	vhat is shown on the p	proj	ect plan	s, SWPPP		28 Acres
narrative, an		t ourront project a	ondit	iona inaludinaaradina		ahilizatio	n and DMD		
installation.	renects the mos	st carrent project c	onau	tions includinggrading	, Si	anınzauc	n, and bivip		⊠Yes □No
inotanation.									1/22/2014
Provide the	date of the most	recent SWPPP up	odate	or modification.					SWPPP mod.
									15
Comments	Project is in win	ter shutdown. Se	e Re	port # 67 for explana	atio	n on the	figures in se	ction	4.
Cooties =	Section 5-Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected								
				Points, and Insta he Observations sect			rois(BIMPS)	ınsp	ectea
		molude die reaso	11 1[1 [He Opservations Sect	JOH.	•			
Constructi	······································	Ot-4	ion P	la arl asster Berry	-45	m 1	A1		Sau-
	Area	วเลเ	JOH N	lo. or Location Descrip	ブロひ	11	Ops	ervat	ions

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	A couple problem slope areas will need to be addressed. Current BMP's not effective to maintain WQS's. See section 6 below for further detail.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Discharge Points - Includes stormwater, non-stormwater, and other potential pollutant sources Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Numerous areas of the silt fence throughout the project is full or nearly full with snow. This appears to not be a problem at this time.
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45 10+50 to 38+00	No reportable observations Mulch/Tackifier not sufficient enough in a
Hydro mulch/tackifier	11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	couple areas on the slopes where hill side seeps have caused problems. See Section 6 below for further details Wildlife traffic is also causing a fair amount of damage to slopes. (Currently not visable due to the snow covering)
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1		No items completed since the last inspection	

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed	
1	Re-establish ditch to prevent water from cutting across Burma rd. repair Burma Rd. as needed.		2-24-2014	
2	Litten Ln. and STA 71+40 It.	Slope failure repairs See previous report for more details	2-24-2014	
3	47+50 lt., 62+40 lt., 67+40 lt	See Corrective action following this report. Repair procedure should be the same as that of the slopes above.	2-24-2014	
		For pictures and notes see the turbidity sampling log for 2-17-2014		

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance none at this time

Conditions	Triggering	Corrective	Action	Report
------------	------------	------------	--------	--------

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the

SWPPP per CGP 5.4.
Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standard or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
 One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)
Summary of Inspection Findings - Check all that apply

□No Maintenance Requirements were noted in the <u>previous</u> inspection report.
All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have been</u> satisfactorily completed.
oxtimesAll Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed
$oxtimes$ NewMaintenance Requirements have been identified in the $\operatorname{\underline{current}}$ inspection report.
probag

BMP Installation Requirements per SWPPP have been identified in the <u>current</u> inspection report.

Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

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Conditions exist that triggered the need to submit an ITI	2790.				
Section 7 - Other Outstanding Items or Notes					·
Document Outstanding Issues or Other Project Information Not Des Turbidity Sampling is currently being done once a week or In the areas as described in the 401 certification. List any Permits/Special Operating Conditions for the Project	when pred	cipitation acc	cumalatio	ons reac	h .5 Ìnch or more.
2012 Construction General Permit; US Army Corps of Eng Department Of Environmental Quality 401 Permit, June 4 2		mit#NWW	-2012-60	1-B02 J	une 8 2012; Idaho
		Key Number	Inspection	n Number	Current Inspection Date
Section 8 - Inspection Certification		09462 70			2/17/2014
Primary Inspector's Name (Type or Print)					
Tony Butler NO SIGNATURE REQUIRED, WPCM ONLY	INSPECTION	ON			
Primary Inspector's Signature				Date Sig	ned
Water Pollution Control Manager (WPCM) Signature					
WPCM Name (Type or Print)	WPCM Train	ing Qualification			ng Qualification Number
Jeremy Jenkins	11/21/201	12	A		120212012
WPCM Signature		Andrew State Control of the Control		Date Sig	17-2014
Contractors Acknowledgment - Receipt of Inspection					
 I have received a copy of this inspection report and been info Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons) 		intenance R	equireme	ents and/	or Corrective
If contractor disagrees with findings and recommended Maintenance Require	•	Corrective Acti	ons, specif	y reasonsir	the space below
Must be signed by Prime Contractor or Duly Authorized Reprint Certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly gmy inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of Prime Contractor or Duly Authorized Representative's Name (Type or Print)	were prepa pathered and se persons c e, accurate,	evaluated the lirectly respon and complete risonment for	informati sible for g . I am aw	on contair athering t are that th	ned therein. Based on he information, the iere are significant
Brett Brown,		Title Project Eng	iineer		
Prime Contractor or Duly Authorized Representative's Signature	L	lly signed by Brett Brown	Jir ICCr,	Date Sig	ned
Est	DN: cr email=	n=Brett Brown, a=Apollo Inc., a =brettb@apollo-gc.com, c=US 2014.02.18 15:21:46 -08'00'	u,	1 ~	2/2014
Section 9 - ITD Compliance Certification - Must be					
"I certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly gmy inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, tru penalties for submitting false information, including the possibility of District Engineer or Authorized Representative's Name (Type or Print)	pathered and se persons o e, accurate,	evaluated the lirectly respon and complete	informati sible for g . I am aw	on contain athering t are that th	ned therein. Based on he information, the tere are significant
Todd Bartolome, PE		LHTA	C Reside	ent Engi	neer
District Engineer or Authorized Representative's Signature	page fo	r signatu		Date Sig	
Distribution: Original – DE Copies – RE DEM.	Dist. Env.	HQ ENV SW	/PP Co	ntractor	

Conditions exist that triggered the need to submit an ITI	D 2790.		٠		
Section 7 - Other Outstanding Items or Notes					
Document Outstanding Issues or Other Project Information Not Des Turbidity Sampling is currently being done once a week or In the areas as described in the 401 certification.	signated as a r when pred	Corrective Adipitation ac	tion or M cumalat	laintenanc Ions reac	e Requirement h .5 Inch or more.
2012 Construction General Permit; US Army Corps of Eng Department Of Environmental Quality 401 Permit, June 4 2		mit#NWW	2012-6	01- B02 J	une 8 2012; Idaho
		Key Number	Tiraras	Com Ministration	Constant Facility and a Paris
Section 8 - Inspection Certification		09462	70	IOIT MURINGI	Current Inspection Date 2/17/2014
Primary inspector's Name (Type or Print)					
Tony Butler NO SIGNATURE REQUIRED, WPCM ONLY	INSPECTIO)N			
Primary Inspector's Signature	,			Date Sig	ned
1				N/A	
Mater Pelludian Control Standard (SCOORS) Commission					- The state of the
Water Pollution Control Manager (WPCM) Signature WPCM Name (Type or Print)	I WPCM Train	ing Qualification	Date M	PCM Traini	ng Qualification Number
Jeremy Jenkins	11/21/201		1		120212012
WPCM Signature	1	 -		Date Sig	
The second secon			٠.		17-2014
		<u>, , , , , , , , , , , , , , , , , , , </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>	
Contractors Acknowledgment – Receipt of Inspection I have received a copy of this inspection report and been info Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons to be a contractor of the contractor of	rmed of Mai				
If contractor disagrees with findings and recommended Maintenance Require		Corrective Activ	oris, specii	ly reasonsin	the space below
Must be signed by Prime Contractor or Duly Authorized Representation of the signed by Prime Contractor or Duly Authorized Representation and all attachments with a system designed to assure that qualified personnel properly giny inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of	were prepar pathered and se persons di e, accurate, a fine and impr	evaluated the rectly respon- ind complete. Isonment for	informat sible for g am aw	ion contain pathering that the	ed therein. Based on ne information, the ere are significant
Prime Contractor or Duly Authorized Representative's Name (Type or Print)		itle	•		
Brett Brown,	ŀ	roject Eng	ineer,	- (A)	
Prime Contractor or Duly Authorized Representative's Signature SEE PREVIOUS PAGE FOR SIGNATUR	ים			Date Sign	16 d
SEE PREVIOUS PAGE FOR SIGNATUR	CE .	 	 	<u>, I </u>	
Section 9 – ITD Compliance Certification - Must be a "I certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly g my inquiry of the person or persons who manage the system, or thou information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of	were prepar athered and se persons di a, accurate, a	ed under my evaluated the rectly respond nd complete.	direction informat sible for g I am aw	or supervision contain jathering th are that the	ion in accordance ed therein. Based on le information, the
District Engineer or Authorized Representative's Name (Type or Print)		Title		. · · · · · · · · · · · · · · · · · · ·	public description of the second of the seco
Todd Bartolome, PE		LHTAC	Resid	ent Engir	
District Engineer or Authorized Representative's Signature		<u> </u>		Date Sign	8/2014
Distribution: Original – DE Copies – RE DEM.	Dist. Env.	HQ ENV SW	PP Co	ntractor	7



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Inspection Identification Number*1-09462-71

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1	- Project Information									
Key Number Project Number			P	Project Name						
09462	STP-5723(100) Burma Rd; Gotham Bay Rd to JCT S				6H-97					
ITD District	Resident Engineer ITD N				VPDES Tracki	ng No.				
4	Todd Bartolome IDR1				12C962					
Prime Contract	dr's Name	Cont	tractor's NPDES Tr	acking No.	Contrac	ctor Has	Filed Their	NOT	If Yes, Date N	OT Filed
Apolla, Inc.		IDR	R12C974		☐ Y€	98	⊠ No			
Section 2	- Inspector Information		Miles Miles Market Property	alar o malanda di Aleman Malenda (p. 1941).	and the state of the state of the state of	.,			A DESCRIPTION OF THE PROPERTY	draw (1994 - Manay (1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 -
Inspected By			Plainting Planting Holdings and have a second secon			ITD Ins	poctor Quali	fication	n Program Nu	nber (IQP)
Jeremy Jen	kins and Teresa Neumann					22,15	-		*	, ,
Inspector(s) De		mann i fa ama'n y ar ami'n ir finns gana ar gag gifib na	والمراودة والمراودة والمراود والمواودة والمواودة والمراودة والمراودة والمراودة والمراودة والمراودة	ryydydd, llydd d Dall sylwys, ydydd ad dle all d			man in the spirit in a state of the spiritual result.		ومسر سيسر بده (ميكور) أرمام فيروم فأساء أن كالمرابعة فالمالة فالمرابعة والمالة والمرابعة والمالة والم	ed maleman is greated for many places in the section of
⊠Joint ITD	and WPCMITD En	vironment	al []Contr	ractor's V	VPCM	ſ	Other/	314 b	arty	
Section 3	Inspection and Weathe	e Inform	ation	rom consequent all A contraction and the second and	***************************************		**************************************		***************************************	d consideration, con a confiderate for
Inspection No.	Current Inspection Date	** Kado/*********	Previous Inspectle	on Dete	MAINER AND MINER TO SERVICE		Murainar of P	lave C	Inca Lock Inca	ection
71	2/19/2014		2/17/2014	on Data			2	Days Since Last Inspection		
Creditable dains being the state of the stat		. //£		and the state of t	***************************************		6a		a an this and the Way are thought against the great and the great against the great	en eljane en
Reason for In	Speciion ☐ Rain Event	i (if required	1)							
	r Conditions and Temperature		1 Paneralla	an and one and hearth for an antibodist's					· · · · · · · · · · · · · · · · · · ·	
	·		Describe each me Rain Gage loc							masnina
Mostly sunn	y 33 degrees F.		of 2-19-2014.	bacoa mi c	30,7110, 6,00	20010 y		ace o.	.00 1011 (113)	rioi ini (9
Section 4-	- Constructionand Stab	ilization/	SWPPPRecc	rdkeep	ing S	tatus	Kentraleta (1911) (1911) (1911)		'S FAST TOTAL SPIN COMPANY SAME ASSESSMENT LANGUAGE	to Anna Mari Andrea (Andrea Andrea Andrea
Estimate the	construction siteand constru	iction supp	ort activity area	currently	/ distur	bed a	nd unstabi	ilized	. 1 Acres	**
Estimate the erosion cont	construction site and constr	uction supp	port activity are	a currenti	y temp	orarily	stabilized	with	11.9 Acr	'es
with erosion	construction site and constr controls, or that has <u>yet to b</u>	<u>e disturbec</u>	by construction	n activitie	s and	is there	efore stab	ilized	15 Acres	3
should add u narrative, an		ıld match v	vhat is shown o	n the proj	ject pla	ans, SI	Wbbb	es	28 Acres	3
The SWPPP installation.	reflects the most current pro	ject condit	tions includingg	rading, st	abiliza	tion, a	nd BMP		⊠Yes	□No
Provide the	Provide the date of the most recent SWPPP update or modification. 2-17-2014 CA 13 (not yet executed)						ret			
C 31 33 1 11 1 1893 3 1 25 1	due to slopes fallures and l gone up.	oss of BFN	VI on the slope:	s through	out th	e proje	ect the un	stabi	lized figure	has
	Construction Areas, Di s <u>not</u> inspected, include the					itrols	(BWPs)	Insp	ected	
Constructi	on Areas									
	Area		lo. or Location [**********		ervat		V-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
			stabilized for						trol measu	
Annua Minau	And Committee of Secretary of the second of the	time shu	tdown with eith	10r	the	slope	s through	out t	he project a	are

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Areas Cleared, Graded, or Excavated

Onsite Waste / Borrow / Stockpiles

Page 1 of 6

permanent or temporary erosion

Contractor's yard/ waste site.

failing. BFM is losing and/or has lost its

effectiveness.

No reportable observations

Area	Station No. or Location Description	Observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Aste si

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the installed Controls (BMPs) table below

Type of Discharge Point	Station No. or Location Description	Observations	
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations	
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations	

Discharges Entering Waters of the US

If a discharge violated iD water quality standards (6.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6
below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

in this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+60-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-36+26 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued slit fence another est. 600 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 100+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SVVPPP 119+00 to 157+00. 145+46 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 88+20, 96+50 and 104+45	Wattles are covered in snow, unable to inspect. No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

iniet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations	
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations	
Plastic covering	STA 11+00 to 13+00 it. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+80	Plastic covering wall 5 @ STA. 95+20 it. has failure behind it. Slope failure at this location has damaged the plastic. A slope repair hear is needed.	

Completed Since Last Inspection

Identified During Current Inspection

Location

Item No.

ítem No.	Location	Action Taken	Date Completed
1	17+00 to 18+50	Re-establish ditch to prevent water from cutting across Burma rd, repair Burma Rd, as needed. This is being worked on at the time of this inspection.	2-20-2014

Action Regulred

Date to be Completed 23+80 K., 27+80 K., 82+40 2-26-2014 Repair slope fallures Many areas of saturated slopes show signs of near These will be in Throughout project future failures. A proactive approach should be taken to CA 14 dated 2prevent further damage. 19-2014 howaver Hydro mulch (BFM) has and/or is losing its these are not of

effectiveness. Has washed down the slopes revealing the highest bare solls beneath. Erosion controls need provided in priority. these areas to prevent further damage to the slopes. Throughout project Currently not (Note: It is questionable as to how much seed is left on setting a date at the finished slopes. It is believed that some areas that this time. have been seeded will need to be re-seeded when opportunity allows.) STA. 96+20 lt. (wall 5) A slope failure repair beneath the plastic needs done. 2-26-2014 Litten Ln. and STA 71+40 Slope failure repairs See report # 69 for more details 2-24-2014 (continued from previous report #70) See Corrective action 13 following this report. Repair 47+50 lt., 62+40 lt., 67+40 procedure should be the same as that of the slopes 2-24-2014 above. (continued from previous report #70)

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance none at this time

Conditions	Triggering	Corrective	Action	Renart
	A 4 FO LOG 1 1 5 1 1 1 1 1	CACAGO CACAGO CA	5 1 1 3 1 1 1 5 1 1 1	1 44000 2711

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements
in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SVVPPP)

		ugh for the discharge to meet applicable water quality standards
	or applicable requirements in CGP Part 3.1 (5.2.1.2.)	(Turbid discharge)
***	ABAB B 1/ AB 10	5 A 5 O

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One of the prohibited discharges in CGP Part 2:3.1 is occurrental)	curring or has occurred	(5.2:1.3) (Toxlo	or hazardous
Summary of Inspection Findings - Check all that application Maintenance Requirements were noted in the previous Install Maintenance Requirements noted in the previous Install Maintenance Requirements noted in the previous install Membrane Requirements have been identified in the BMP Installation Requirements per SWPPP have been in Conditions exist that triggered an entry into the Corrective Conditions exist that triggered the need to submit an ITE	is inspection report. cection report have been cection report have not check the current inspection reduction reductions dentified in the current course to come the current course t	been satisfactor port inspection report	ily completed.
Section 7 - Other Outstanding Items or Notes Document Outstanding Issues or Other Project Information Not Des Turbidity Sampling is currently being done once a week or In the areas as described in the 401 certification. List any Permits/Special Operating Conditions for the Project 2012 Construction General Permit; US Army Corps of Eng Department Of Environmental Quality 401 Permit, June 4 26	when precipitation acciners Permit # NVW	cumalations read	ch .5 inch or more.
Section 8 - Inspection Certification	Key Number 09462	Inspection Number	Current Inspection Date 2/19/2014
Primary Inspector's Name (Type or Print) Teresa Neumann Primary Inspector's Signature WAA Mumam		Date Si	gned 20-2014
Water Pollution Control Manager (WPCM) Signature WPCM Name (Type or Print) Jeremy Jenkins WPCM Signature	WPCM Training Qualification	n Date WPCM Train AGC-90-1 Date Si	ing Qualification Number
Contractors Acknowledgment Receipt of Inspection I have received a copy of this inspection report and been informations, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons to information disagrees with findings and recommended Maintenance Require	med of Maintenance R pelow)	equirements and	or Corrective
Must be signed by Prime Contractor or Duly Authorized Representative under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly ging inquiry of the person or persons who manage the system, or those information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of Prime Contractor or Duly Authorized Representative's Name (Type or Print)	were prepared under my athered and evaluated the persons directly respons, accurate, and complete fine and imprisonment for Title	information containsble for gathering I am aware that the knowing violations	ned therein. Based on the information, the tere are significant
Brett Brown, Prime Contractor or Duly Authorized Representative's Signature	Project Eng Digitally signed by Brett Brow Dix cn-strett Brown, o-Apolic email-brett@apolic-gc.com Date; 2014/02.24 15:19:34 408	n Date Sig	~ 1
Section 9 - ITD Compliance Certification - Must be s	,	, , , , , , , , , , , , , , , , , , ,	

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the Page 5 of 6

ITD 2802, Rev. 11-28-12

information contained is, to the best of my knowledge and belief, true, accurate, and c	complete. I am aware that there are significant
penalties for submitting false information, including the possibility of fine and imprison	ment for knowing violations,"
District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
101	311/14
Distribution: Original - DE Copies - RE DEM. Dist. Env. HQ	ENV SWPP Contractor



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Inspection Identification Number*1-09462-72

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been

Section 1 -		Project		information
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Section 1	- Project Information								
Key Number	Project Number		Project Name						
09462	STP-5723(100)			Burma Rd	; Goth	am E	Bay Rd to .	JCT	SH-97
TD District	Resident Engineer	- 1	ndt authoritation for the transcription of the	The state of the s	TOTAL PROPERTY OF		THE REAL PROPERTY AND PROPERTY	TO	NPDES Tracking No.
1	Todd Bartolome				**********			IDF	R12C962
Prime Contracto	or's Name	1	ractor's NPDES	fracking No.				TON	If Yes, Date NOT Filed
Apollo, Inc.		IDR	12C974		[] Ye	98	⊠ No		
Section 2	- Inspector Information						,		
Inspected By	فاعتوانه والمناوعة والمناد المنته في المناوعة وعنائلات والمناوية والمناوعة ومناوعة ومناوعة والمناوعة والمناوعة	فعلقة معرده تنصيان فلحالة كالكذاء وماكاسان ور	PROPERTY OF THE STATE OF THE ST	More and annother an advance below and beautiful and b		TTO IF	ispector Qual	ificatio	on Program Number (IQP)
Jeremy Jenkins and Teresa Neumann 22,155									
inspector(s) Designation									
⊠Joint ITD	and WPCM ITD Env	ironmenta	al []Con	tractor's V	JPCM	of Photographs	Other	/3 ^{ra} f	Party
Section 3-Inspection and Weather Information									
Inspection No.	Current Inspection Date	AMERICA 17/150001974	Previous Inspec	tion Date			Number of I	Days 9	Since Last Inspection
72	2/25/2014		2/19/2014				5		
Reason for Ins	•	(if required)			-11			A CONTRACTOR OF THE PROPERTY O
Routine									
	r Conditions and Temperature	**************************************	Describe each n	neasuroable	orecipite	tion ev	ent since the	last li	nspection
Sunny 21 de	egrees r. overed in snow.		of 2-25-2014		contra	ctors	yard snow	/ed L).3 on the morning
	- Construction and Stabi	livation/	CLMbstd_st_P-etve-waytendessonad_a	***************************************	ina S	tati :	**************************************	her complete angelle (TOTAL CONTRACT TO THE STREET AND THE STREET AND THE STREET AND THE STREET AS A
Sale Augusta parisman and a sale	construction siteand constru	Company of the State of the Parish Parish Parish	***************************************				4 3 -14 Und Sever \$1 10 -10 -10 -10 -10 -10 -10 -10 -10 -10	ilizeo	d. 1 Acres
	construction site and constru			-	ORNEL MILLION MILLS		nullbank de Hanne		h
erosion conti		. co. co. to market			2 AMOLES	5.34.744	in the second		" 11.9 Acres
Estimate the with <u>erosion</u>	construction site and constructions to be controls, or that has yet to be	iction supported	oort activity ar I by constructi	ea currenti on activitie	y <u>pern</u> s and	nanei is the	<u>ıtly</u> stabiliz irefore stat	ed oilize	d. 15 Acres
	otal acreage of disturbance e ip to this amount, and it shou d NOI.							xes	28 Acres
	reflects the most current pro	ect condi	ions including	grading, s	tabiliza	ition,	and BMP		⊠Yes []No
	Provide the date of the most recent SWPPP update or modification. 2-19-2014 CA								
Comments Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up.									
Section 5-Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected For any areas not inspected, include the reason in the Observations section.									
Construction Areas									
**************************************	Area		lo. or Location			Company and an artist			itions
			i stabilized fo tdown with e						ntrol measures on the project are
Areas Gleare	ed, Graded, or Excavated	1		or temporary erosion failing. BFM is losing and					
controls						effectiveness.			

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Comer of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Aste sit

Discharge Points - Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (RMPs) table below

Dodginor any Condidia required to address	i them in the installed Controls (DIVIPS) table below.
Station No. or Location Description	Observations
156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations
	Station No. or Location Description 156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50 Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Hydro mulch (erosion control on the slopest) are falling and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures ITD 2802, Rev. 11-28-12

Page 2 of 6

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+76 14+82-15+50 16+10-18+-26 18+55-22+30 22+30-24+00 27+62-36+26 36+22-39+80 39+80-68+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls68+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 76 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 108+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Silt fence repairs needed at STA's 47+50 rt., 71-84. No other observations to report.
Fiber Wattles	70+99 to 119+00 rt. as per SVVPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	Wattles are covered in snow, unable to inspect. No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 ft. 56+00 to 78+00 ft. 101+00 ft, to 123+00 ft. 123+00 to 136+00 ft.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No Reportable observations

Completed Since Last Inspection

ĺ	Item No.	Location	Action Taken	Date Completed
		82+35 to 83+00 lt.	Slope failure repaired	2-21-14

Identified During Current Inspection

item No.	Location .	Action Required	Date to be Completed	
1	23+80 It., 27+80 It.,	Repair slope failures	work began 2-19- 2014 and continuing	
2	Throughout project	Hydro mulch (BFM) has and/or is losing its effectiveness. Has washed down the slopes revealing bare soils beneath. Erosion controls need provided in these areas to prevent further damage to the slopes. (Note: It is questionable as to how much seed is left on the finished slopes. It is believed that some areas that have been seeded will need to be re-seeded when opportunity allows.)	Not setting a date at this time	
3	Litten Ln. and STA 71+40	Slope failure repairs See report # 69 for more details (continued from previous report # 70)	2-24-2014	
<mark>4</mark>	47+50 lt., 62+40 lt., 67+40 lt	See Corrective action 13 following this report. Repair procedure should be the same as that of the slopes above. (continued from previous report # 70)	2-24-2014	
5	69+40 lt.	Slope repair needed	3-4-2014	

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance none at this time

	conditions (riggering Corrective Action Report
lf	f any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the
S	SWPPP per CGP 5.4.
	Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
	The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (6.2.1.2.) (Turbid discharge)
Г	Thomas of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3). (Toxic or hazardous

Page 4 of 6

material)

Summary of Inspection Findings - Check all that appli No Maintenance Requirements were noted in the previous inspection Maintenance Requirements noted in the previous inspection Maintenance Requirements noted in the previous inspective NewMaintenance Requirements have been identified in the BMP Installation Requirements per SWPPP have been in Conditions exist that triggered an entry into the Corrective Conditions exist that triggered the need to submit an ITC	is inspection reposition reposition reposition reposition reposition reposition reposition in a contract in a cont	ort <u>have been</u> ort <u>have not b</u> inspection rep the <u>current</u> in	een sati ort. spection	sfactorily	y completed.
Section 7 - Other Outstanding Items or Notes					
Document Outstanding Issues or Other Project Information Not Desi Turbidity Sampling is currently being done once a week or In the areas as described in the 401 certification. List any Permits/Special Operating Conditions for the Project 2012 Construction General Permit; US Army Corps of Eng Department Of Environmental Quality 401 Permit, June 4 20 Section 8 - Inspection Certification	when pred ineers Per	mit # NWW-2	o12-601	ns react	1 .5 Inch or more.
Primary Inspector's Name (Type or Print)		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	·····	·	
Teresa Neumann					
Primary Impactor's Signature // // // // // // // // // // // // //	40-10-10-10-10-10-10-10-10-10-10-10-10-10			Date Sign	1ed U-2014
Water Pollution Control Manager (WPCM) Signature					
WPCM Name (Type or Print)	WPCM Train	ing Qualification I	Date WP	CM Trainh	ng Qualification Number
Jeremy Jenkins	11/21/201	12	AG	C-90-1	120212012
WPCM Signature			······································	Date Sigi	
				2-2	5-2014
Contractors Acknowledgment – Receipt of Inspection I have received a copy of this inspection report and been inform Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons to If contractor disagrees with findings and recommended Maintenance Require	med of Ma pelow)	aintenance Re	quiremei	nts and/o	or Corrective
Must be signed by Prime Contractor or Duly Authorized Repre "I certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly or my inquiry of the person or persons who manage the system, or thou information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of Prime Contractor or Duly Authorized Representative's Name (Type or Print)	were prepa athered and se persons o e, accurate,	l evaluated the i directly responsi and complete.	nformatic ble for ga I am awa	n contair thering ti re that th	ned therein. Based on the information, the ere are significant
1			neer		
Brett Brown,		Project Engi	1001	Data Cin	nod
Prime Contractor or Duly Authorized Representative's Signature				Date Sig	/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penaltites for submitting false information, including the possibility of fine and imprisonment for knowing violations." District Engineer or Authorized Representative's Name (Type or Print) District Engineer or Authorized Representative's Signature District Engineer or Authorized Representative's Signature District Engineer or Authorized Representative's Signature

Dist. Env.

HQ ENV SWPP

Contractor

DEM.

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ITD 2802 (Rev. 11-28-12) itd.idaho.gov

Inspection Identification Number*1-09462-73

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 -	· Proj	ect In	forma	ition
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Key Number	Project Number				Project Name	9			
09462	STP-5723(100) Burma Rd; Gotham Bay Rd to JCT						CT :	SH-97	
ITD District	Resident Engineer ITE							ITD	NPDES Tracking No.
1	Todd Bartolome	€						IDF	R12C962
Prime Contracto	r's Name		Contra	ctor's NPDES	Tracking No.	Contra	ctor Has Filed Their	NOT	If Yes, Date NOT Filed
Apollo, Inc. IDI			IDR1	20974			es 🗵 No		
Section 2	- Inspector Infe	ormation	<u>'</u>			L			
Inspected By ITD Inspector Qualification								on Program Number (IQP)	
•	kins and Tony bu	utler					22,325		
Inspector(s) De Joint ITD	-	☐ITD Environn	nental	l	ntractor's V	VPCM	☐ Other/	'3' ^d F	Party
Section 3-	Inspection an	d Weather Info	orma	tion					
Inspection No.	Current Inspection	on Date	F	Previous Inspe	ction Date		Number of E	Days Since Last Inspection	
73	3/4/2014			2/25/2014			7		
Reason for In:		Explanation (if req	uired)						
□ Routine	⊠ Rain Event								
Current Weathe	r Conditions and Tem	perature					tion event since the		
overcast 43	degrees F			Rain Gage of 3-4-2014		contra	ctors yard snow	ea u	0.1 on the morning
Section 4	Construction	and Stabilizat	ion/S	WPPPRe	cordkeep	ing S	tatus		
Estimate the	construction sites	and construction	suppo	rt activity ar	ea currently	y distu	rbed and unstab	ilized	d. 1 Acres
Estimate the erosion cont	construction site	and construction	suppo	ort activity a	rea current	ly <u>tem</u>	oorarily stabilized	l with	11.9 Acres
	construction site controls, or that h								d. 15 Acres
should add unarrative, an	Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP 28 Acres narrative, and NOI.						28 Acres		
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.						⊠Yes □No			
Provide the date of the most recent SWPPP update or modification. 2-25-2014 CA						2-25-2014 CA 15			
	Due to slopes fai gone up.	ilures and loss o	fBFM	on the slo	oes throug	hout th	ne project the ur	ıstal	oilized figure has
	-Construction s_not inspected, i on Areas						ntrols(BMPs)	lnsı	pected
	Aroa	Cint	ion No	or Location	n Doscriptic		Λha	05/0	tions

All areas stabilized for winter

permanent or temporary erosion

time shutdown with either

controls.

Areas Cleared, Graded, or Excavated

Temporary erosion control measures on

failing. BFM is losing and/or has lost its

the slopes throughout the project are

effectiveness. Currently covered with

snow from recent snow events

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)
In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and codiment controls, temporary or permanent stabilization measures, and pollution prevention measures.

Type/Description of Control	permanent stabilization measures, and p Station No. or Location Description	Observations
	14+50-15+75 14+82-15+50	1
	16+10-18+-25 18+55-22+30	
	22+30-24+00 27+62-35+25	
	35+22-39+80 39+80-58+38	
	Contractors yard on South Carlin	
	Bay Rd. Around perimeter of	
	waste site. 1,900+ feet total.	
	Continued silt fence another est.	
	500 feet on the south east line	
	1	
	Perimeter controls58+38 rt. To	
	77+83, 77+83 rt. Paralleling Carlin	
	Bay rd. est. 75 feet. Installed Wire	
	backed silt fence. Altered silt	
	fence location from SWPPP plan.	
Perimeter controls	Moved fence down the slope to	Silt fence is currently full with snow
Silt fence)	the project limits to allow for	No other observations to report.
·	future clearing	•
	78+40 to 92+00 rt.	
	92+00 to 93+00 rt.	
	93+00 to 110+17.	
	110+00 to 152+24 as per SWPPP	
	Silt fence from 97+00 to 100+00	
	differs from SWPPP, fence runs	
	continuous	
	All perimeter controls as per	
	SWPPP installed except those that	
	would affect or be in the way of	
	traffic on Burma Rd.	•
	78+50 to 79+25 rt.	
	120+60 Rt. 30 feet to the right	
	70+99 to 119+00 rt. as per	
	SWPPP	
	119+00 to 157+00.	
	145+45 rt.	Wattles are covered in snow, unable to
iber Wattles	At outfall side of cross culverts,	inspect.
	STA's 68+00, 74+80, 75+40 left	No reportable observations
	and right 84+00, 89+20, 96+50	
	and 104+45	
	10+50 to 38+00	
	11+00 to 24+50. Lt.	Livelyn would't be a local to the second
	24+50 to 56+00 lt.	Hydro mulch has lost its effectiveness.
lydro mulch/tackifier	56+00 to 78+00 lt.	BFW is and has been washed away in
iyaro mutomackiiter	101+00 lt. to 123+00 lt.	numerous areas throughout the project revealing bare soil beneath.
		Currently covered in snow
	123+00 to 136+00 lt.	Currently covered in Show
	Rock check dams combined with	
	rock lined ditch @ STA 78+50 rt.	
heck dams, berms, sandbans	Inorth side of Carlin Bay Rd	1
check dams, berms, sandbags tc.	(north side of Carlin Bay Rd.)	No reportable observations
	Rock check dams installed up hill from and with inlet	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Completed Since Last Inspection

-	Item No.	Location	Action Taken	Date Completed	
	1	Canton lane		2-28-2014	ı

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed	
1	Near sky view Ln.	Culvert crossing Burma Rd. is not flowing. Crews investigated the problem and discovered a utility line was installed through the culvert damaging it in the process. A Temporary fix to channel the water to the next culvert began today.	3-5-2014	
2		The other items noted in the last couple inspection reports is still continuing and in progress at the time of this inspection.	Work will continue until finished. Exact date not known	

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance none at this time

Conditions	Triggering	Corrective	Action Re	port
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If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
 The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards
- or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)

 One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous
- One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- No Maintenance Requirements were noted in the <u>previous</u> inspection report.
- All Maintenance Requirements noted in the previous inspection report have been satisfactorily completed.
- ⊠All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed.
- ⊠NewMaintenance Requirements have been identified in the <u>current</u> inspection report.
- BMP Installation Requirements per SWPPP have been identified in the <u>current</u> inspection report.
- Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

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Page 4 of 5

Conditions exist that triggered the need to submit an ITD	2790.				
Section 7 - Other Outstanding Items or Notes					
Document Outstanding Issues or Other Project Information Not Designated Turbidity Sampling is currently being done once a week or with the areas as described in the 401 certification. List any Permits/Special Operating Conditions for the Project	when pre	cipitation acc	cumala	itions reac	ch .5 inch or more.
2012 Construction General Permit; US Army Corps of Engir Department Of Environmental Quality 401 Permit, June 4 20		rmit # NWW-	2012-	601-B02 J	lune 8 2012; Idaho
Copporation of the second of t		Key Number	Inspe	rtian Number	Current Inspection Date
Section 8 - Inspection Certification		09462	73	Short Namber	3/4/2014
Primary Inspector's Name (Type or Print)				~~~ ~~~ ~~~~~	
Tony Butler					
Primary Inspector's Signature				Date Sig	gned 4/2014
Water Pollution Control Manager (WPCM) Signature				•	
WPCM Name (Type or Print)	WPCM Trail	ining Qualification	n Date	WPCM Train	ing Qualification Number
Jeremy Jenkins	11/21/20	12		AGC-90-1	1120212012
WPCM Signature				Date Sig	gned 4/2014
				3/	412014
Contractors Acknowledgment – Receipt of Inspection I have received a copy of this inspection report and been inform Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons be	med of M elow)	aintenance R	equire	ments and	/or Corrective
If contractor disagrees with findings and recommended Maintenance Require	ments and/o	or Corrective Acti	lons, spe	ecify reasonsi	in the space below
Must be signed by Prime Contractor or Duly Authorized Repre "I certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly ga my inquiry of the person or persons who manage the system, or thos information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of f	were prep athered an e persons , accurate	ared under my d evaluated the directly respor , and complete	e inform Isible fo . I am :	nation contain or gathering aware that t	ined therein. Based on the information, the here are significant
Prime Contractor or Duly Authorized Representative's Name (Type or Print)		Title			
Brett Brown,		Project Eng	gineer		
Prime Contractor or Duly Authorized Representative's Signature	Bus	Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apoilo email=brettBgapollo-gc.com, Date: 2014.03,10 13:16:35-07'0	inc., ou. c=US	Date Si 3.1	gnea .0.14
Section 9 – ITD Compliance Certification - Must be s "I certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel properly go my inquiry of the person or persons who manage the system, or thos information contained is, to the best of my knowledge and belief, true	were prep athered an se persons e. accurate	District Enginerared under my devaluated the directly response, and complete	er or D direction e inform nsible fo	on or supervation conta or gathering aware that t	vision in accordance lined therein. Based on the information, the there are significant
penalties for submitting false information, including the possibility of the District Engineer or Authorized Representative's Name (Type or Print)	me and m	Title	MINAMI	A MOISHOIR	
Todd Bartolome, PE		LHTA	C Res	ident Eng	jineer
District Engineer or Authorized Research Page				Date Si	igned
Distribution: Original – DE Copies – RE DEM.	Dist, Env.	HQ ENV SV	VPP	Contractor	

			•		
Section 7 - Other Outstanding Items or Notes					
Document Outstanding Issues or Other Project Information Not Turbidity Sampling is currently being done once a week in the areas as described in the 401 certification.					
List any Permits/Special Operating Conditions for the Project 2012 Construction General Permit; US Army Corps of E	Engineers Pe	rmit # NVVV	2012-6	01-B02 Ji	une 8 2012; Idaho
Department Of Environmental Quality 401 Permit, June	4 2012.				
Section 8 - Inspection Certification	, ,	Key Number 09462	inspect 73	ion Number	Current Inspection Date 3/4/2014
Primary Inspector's Name (Type or Print)	m' ,','	· , , wine			
Tony Butler					
Primary Inspector's Signature	***************************************	44 to locality		Date Sig	ned
Water Pollution Control Manager (WPCM) Signatu	ire		- :		
WPCM Name (Type or Print)	WPCM Trai	ining Qualification	Date W	/PCM Trainli	ng Qualification Number
Jeremy Jenkins	11/21/20	12	À	GC-90-1	120212012
WPCM Signature				Date Sig	ned
				3/4	112014
	2.1				
I disagree with the inspection findings (specify reason from tractor disagrees with findings and recommended Maintenance Recommended Recommended Maintenance Recommended		ir Corrective Acti	ons, speci	fy reasonsin	the space below
Must be signed by Prime Contractor or Duly Authorized Red Prime Prime Contractor or Duly Authorized Red Prime Prim	epresentative ents were prepared those persons those persons true, accurate y of fine and im	ared under my d evaluated the directly respon and complete	direction informa sible for I am av	or supervition contair gathering the	sion in accordance ned therein, Based or the information, the ere are significant
Must be signed by Prime Contractor or Duly Authorized Residual Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative's Name (Type or Prime Contractor or Duly Authorized Representative)	epresentative ents were prepared those persons those persons true, accurate y of fine and im	ared under my d evaluated the directly respon and complete prisonment for Title	direction Informa sible for I am av knowing	or supervition contair gathering the	sion in accordance ned therein, Based or the information, the ere are significant
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National Water Information System: Web Interface

USGS Water Resources

Data Category: Geograp
Current Conditions | Idaho

Geographic Area:

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- March 5, 2014
- Read the Mobile Site Tutorial Try it (http://m.waterdata.usgs.gov) from your mobile device!
- New improved user interface.
- Full News 🔯

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During winter months, stage and discharge may be affected by ice in the channel. Data values reported on these pages may be significantly higher or lower than the actual streamflow. Adjustments to the data will be done after detailed analyses. Ice affected values identified on graphs (•) may be viewed by choosing the table output format. If you have questions about these values, please contact the <u>Idaho Water Data Maintainer</u>.

PROVISIONAL DATA SUBJECT TO REVISION

USGS 12413500 COEUR D ALENE RIVER NR CATALDO ID

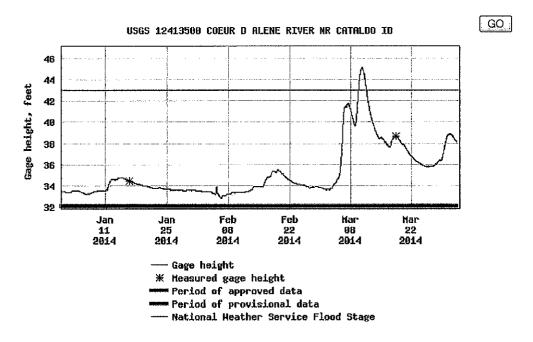
Gage height, feet

Most recent instantaneous value: 38.16 04-01-2014 06:30 PDT Next

Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits



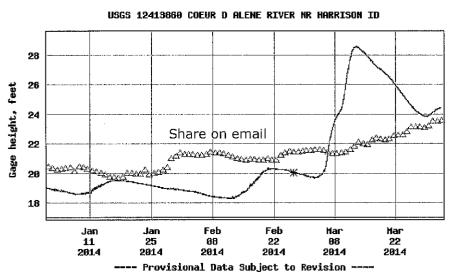
Create <u>presentation-quality</u> / <u>stand-alone</u> graph. Subscribe to 2 WaterAlert

Share this graph |

USGS 12413860 COEUR D ALENE RIVER NR HARRISON ID

Gage height, feet

Most recent instantaneous value: 24.42 04-01-2014 06:20 PDT $\frac{\text{Prev}}{\text{Next}}$



? Add site numbers Note

Add up to 2 more

sites and replot for "Gage height, feet"

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

GO

△ Median daily statistic (15 years) ★ Measured gage height
— Gage height — Operating limit (minimum)

Create <u>presentation-quality</u> / <u>stand-alone</u> graph. Subscribe to <u>?</u> <u>WaterAlert</u>

Share this graph

Daily gage height, feet -- statistics for Apr 1 based on 18 years of record more

	25th			Most Recent	75th	
Min (2008)	percen- tile	1 1	Median	Instantaneous Value Apr 1	percen- tile	Max (1997)
20.95	21.94	23.52	23.56	24.42	24.86	26.63

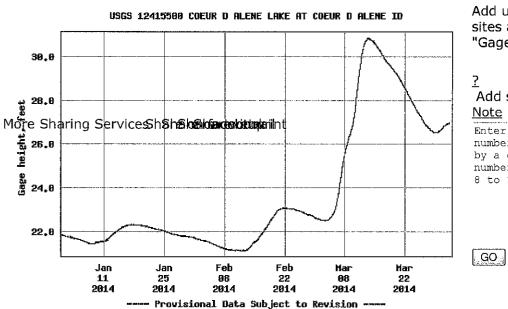
USGS 12415500 COEUR D ALENE LAKE AT COEUR D ALENE ID

Gage height, feet

Most recent instantaneous value: 26.95 04-01-2014 06:30 PDT

<u>Prev</u>

<u>Next</u>



Add up to 2 more sites and replot for "Gage height, feet"

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Add site numbers
Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

Create <u>presentation-quality</u> / <u>stand-alone</u> graph. Subscribe to ? <u>WaterAlert</u>

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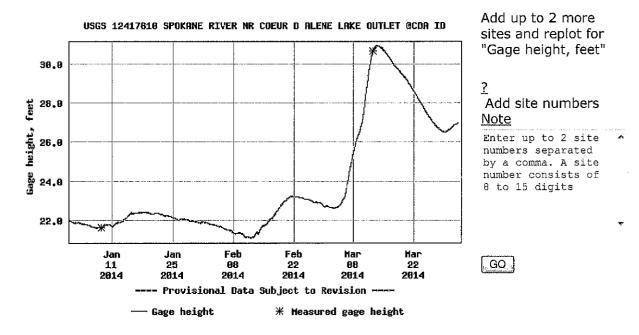
USGS 12417610 SPOKANE RIVER NR COEUR D ALENE LAKE OUTLET @CDA ID

Gage height, feet

Most recent instantaneous value: 26.96 04-01-2014 06:28 PDT

<u>Prev</u>

<u>Next</u>



Create <u>presentation-quality</u> / <u>stand-alone</u> graph. Subscribe to ? <u>WaterAlert</u>

Share this graph

USGS 12419000 SPOKANE PHATE NR BOST FALLS ID

Gage height

* Heasured gage height

Gage height, feet

Prev Most recent instantaneous value: 15.32 04-01-2014 06:30 PDT <u>Next</u> Add up to 2 more USGS 12419000 SPOKANE RIVER NR POST FALLS ID sites and replot for "Gage height, feet" 20 ? Gage height, feet Add site numbers 15 <u>Note</u> Enter up to 2 site numbers separated 10 by a comma. A site number consists of 8 to 15 digits 5 Feb Jan Jan Føb Har Har 22 2614 25 GO 2014 2814 2014 2014 2014

Period of approved data

■ Period of provisional data

Create $\underline{presentation\text{-}quality}$ / $\underline{stand\text{-}alone}$ graph. Subscribe to ? $\underline{WaterAlert}$

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Page Contact Information: <u>Idaho Water Data Maintainer</u>

Page Last Modified: 2014-04-01 10:24:25 EDT

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More Sharing Services Shahalo and the bid to


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Inspection identification Number*1-09462-74

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1	- Project Infor	metion									•
Key Number .	Project Number				Project Name		-74				*******
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Apollo, Inc.			IDR12	20974		☐ Y€	3 \$	⊠ No			
Section 2	- inspector in	ormation									
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Jeremy Jen	kins and Tony b	utler			•	٠,	22,32	5		,	
inspector(s) De	signation					. '		,			
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Section 4	- Construction	end Stabiliza	tion/8	WPPPRe	cordkeep	ing S	tatus				
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The SWPPF installation.	reflects the inos	t current project	conditio	ns includin	ggrading, s	lebiilze	itian, e	ind BMP		⊠Yes	□No
Provide the	date of the most	recent SWPPP (ipdate o	r modificat	ion.						14 CA 16
Comments	Due to alopes fa gone up. *	liures and loss	of BFM	on the alo	pes throug	hout th	rosi	ect the un	i stal	ollized figu	re has
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For any area	-Construction is <u>not</u> inspected.	Areas, Disch Include the reas	arge P	'oints, ar a Observat	i d Installs ions section	id Col	ntrole	s(BMPs)	(ns)	pected	Todd E
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Page 1 of 5

. Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap plie and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden idaho Comer of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being heuled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobelte office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exite/Offsite Tracking	Accese to contractor yard off of S. Cartin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Discharge Points - Includes stormwater, non-stormwater, and other potential pollutant sources

Type of Discharge Point	Station No. or Location Description	<u>Chaervations</u>
Existing culverts used to convey storm water and show mait from ditch on left of project to right of project	166+50, 142+10, 135+00, 118+80, 104+36, 96+60, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+60	Culverts are flowing at their maximum Un-able to control all the storm water run-off
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	Culverts are flowing at their maximum Un-able to control all the storm water run-off

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (6.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Turbidity sampling log shows current readings and details. Several areas are exceeding water quality standards identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c). Hydro mulch (erosion control on the alopeab are failing and not operating effectively. Additional measures are needed; See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

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Installed Controls (BMPa)
In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and

Type/Deboription of Control	Station No. or Location Description	Observations
,	14+50-15+75 14+82-15+60	The state of the s
	16+10-19+-25 18+55-22+30	
•	22+30-24+00 27+82-35+25	
	35+22-39+80 39+80-58+38	
•	Contractors yard on South Carlin	
•	Bay Rd. Around perimeter of	1
•	waste site. 1,900+ feet total.	
•	Continued silt fence another est.	·
	500 feet on the south east line	
	Perimeter controls#8+38 rt. To	ł
	77+83, 77+83 rt. Paralleling Carlin	
	Bay rd. est. 75 feet. Installed Wire	'
	backed silt fence. Altered silt	
	fence location from SWPPP plan.	
Perimeter controls	Moved fence down the slope to	Hills Bonne to managed to dealth and the managed
	the project limits to allow for	Slit fence is currently full with snow
Silt fence)	future clearing	No other observations to report.
	78+40 to 92+00 rt.	
	92+00 to 93+00 rt.	
•		
	93+00 to 110+17.	j ·
	110+00 to 152+24 as per SWPPP	•
	Sik fence from 97+00 to 100+00	
Marie Barrello (1964)	differs from SWPPP, fence runs	
	continuous	
	All perimeter controls as per	
	SWPPP installed except those that	
gamman kan ja kan j	would affect or be in the way of	•
	traffic on Burma Rd.	j
•	78+50 to 79+25 rt.	
1	120+60 Rt. 30 feet to the right	
	70+99 to 119+00 rt. as per	
	SWPPP	· ·
	119+00 to 157+00.	
	145+45 rt.	Wattles are covered in anow, unable to
iber Watties	At outfall side of cross culverts,	inapect.
	STA's 66+00, 74+80, 75+40 left	No reportable observations
	and right 84+60, 89+20, 96+50	·
•		
	and 104+45	
•	10+60 to 38+00	
	11+00 to 24+50. Lt.	Hydro mulch has lost its effectiveness.
,	24+50 to 56+00 lt.	BFM is end has been washed away in
lydro mulch/tackifler	56+00 to 76+00 lt.	numerous areas throughout the project
-	101+00 it. to 123+00 it.	revealing bare soil beneath.
•	123+00 to 136+00 lt.	
	Rock check dams combined with	
•	rock lined ditch @ STA 76+50 rt.	
		Many check dams have been washed away
heck dams, berms, sandbags	(north side of Carlin Bay Rd.)	from the storm event. Sandbage are being
to.	Rock check dams installed up	used to help control the water at SH-97
•	hill from and with inlet	The state of the s
•	protections	1

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inlet and outlet protections	Inist profections/check dams Constructed with clean rock at STA's 84+18, 59+05, 96+55, 104+40 Inist-protections installed on 9-5- 2013 at STA's 61+80, 40+80 Temporary inist protections Installed at all culverts	installed protections are not effective anough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobelts office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 ft. Walls 5 and 6 New alignment from estimated Sts. 129+00 to 137+50	No reportable observations

Section 6-Maintenance Requirements, BMP installations (per SWPPP), and Corrective Actions

Completed Since Last inspection

item No.	Loanton	- Action Taken	Date Completed
1	Near sky view i.n.	Redirected water with disch line work	3-5-2014

identified During Current Inspection

۱	item No.	Location		Date to be Completed
		Intersection	cut cuten to atop water from flowing across Sri-e? sandbag this area to help control the water run-off	Crews are actively working this area
	2			Work has began this day of 3/6/14

identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
Turbid discharges

Conditions Triggering Corrective Action Report -

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- Required atormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CQP Parts 2 and/or 3 (6.2.1.1) (Additional BMPs not identified in initial SWPPP)
- The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- One of the prohibited discharges in CGP Fart 2.3.1 is occurring or has occurred (6.2.1.3) (Toxic or hazardous material)

Summary of inspection Findings - Check all that apply

- No Maintenance Requirements were noted in the previous inspection report.
- All Maintenance Requirements noted in the previous inspection report have been satisfactorily completed.
- All Maintenance Requirements noted in the previous inspection report have not been satisfactorily completed,
- NewMaintenance Requirements have been identified in the <u>current</u> inspection report.
- BMP Installation Requirements per SWPPP have been identified in the <u>outrent</u> inspection report.
- Conditions existinat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.
- ☑ Conditions exist that triggered the need to submit an ITO 2790.

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2012 Construction General Permit; US Army Corps of Engineers Permit # NVWV-2012-601-B02 June 8 2012; Idaho Department Of Environmental Quality 401 Permit, June 4 2012. Rey Number Inspection Number Current Inspection Department Permit P	Section 7 - Other Outstanding Items or Notes		•	
List any Permits/Secial Operating Conditions for the Project 2012 Construction General Permit; US Amy Corps of Engineers Permit # NWW-2012-501-B02 June 6 2012; Idaho Department Of Environmental Quality 401 Permit, June 4 2012. Section 8 - Inspection Certification Review	Turbidity Sampling is currently being done once a week	Designated as a Corrective or when precipitation a	Action or N Iccumalat	laintenance Requirement ions reach ,5 inch or more.
Section 8 Inspection Certification Key Number Inspection Number Certaria haspection De 3/8/2014 3/8/2014 3/8/2014	List any Permits/Special Operating Conditions for the Project 2012 Construction General Permit; US Army Corps of E	ngineere Permit # NW	N-2012-6	01-B02 June 8 2012; Idaho
Contractors Acknowledgment - Receipt of Inspection and Acknowledgment of Inspection Findings have received a copy of this hapeation report and been informed of Maintenance Requirements and/or Corrective Actions, and:	Department of Environmental Clusiny 401 Permit, June 4	<u> 2012.</u>		•
Tony Butter **Charge Inspectors Signature** **Marker Pollution Control Manager (WPCM) Signature** **WPCM Issue (Type or Print)** **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection Inspecti	Section 8 . Inspection Certification		1 .	To the second se
Tony Butter **Charge Inspectors Signature** **Marker Pollution Control Manager (WPCM) Signature** **WPCM Issue (Type or Print)** **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection and Acknowledgment of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection Findings **Jerical Contractors Acknowledgment — Receipt of Inspection Inspecti	Paraery Inspector's Name (Type or Print)			
Actor Pollution Control Manager (WPCM) Signature WPCM Training Qualification Detection Qualification Number WPCM Signature Date Signature I classagree with the inspection findings I classagree with the inspection findings (specify reasons below) Contractor disagrees with findings and recommended Maintenance Requirements end/or Corrective Actions, specify reasons in the space below Aust be signed by Prime Contractor or Duty Authorized Representative I certify under panelty of law that this document and all attachments were prepared under my direction or supervision in accordance only inquiry of the parson or persons who manage the system, or those persons directly responsible for gathering the Information, the intermetion contained its intermetion contained its intermetion contained its intermetion contained in the pass below in the pass of the best of my knowledge and belief, true, accurate, and contrained. The intermetion of the pass o				
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WPCM Training Qualification Details WPCM Training Qualification Details WPCM Training Qualification Details WPCM Signature Date Signat Date Sign	Water Poliution, Control Manager (WPCM) Signatu	re		
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Contractors Acknowledgment - Receipt of Inspection and Acknowledgment of Inspection Findings have received a copy of this inspection report and been informed of Maintenance Requirements end/or Corrective Actions, and: [E] I agree with the inspection findings [I] I disagree with the inspection findings (specify reasons below) [Contractor disagrees with findings and recommended Maintenance Requirements end/or Corrective Actions, specify reasons in the space below [I] I agree with the inspection findings (specify reasons below) [Contractor disagrees with findings and recommended Maintenance Requirements end/or Corrective Actions, specify reasons in the space below [I] I agree with the inspection findings [I] I agree with the inspe	VPCM Signature	,	•	
have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and: [I largrae with the inspection findings I disagree with the inspection findings (specify reasons below) [Contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasons in the space below [Aust be signed by Prime Contractor or Duty Authorized Representative [I certify under penalty of law that tilds document and all attachments were prepared under my direction or supervision in accordance only inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, including the possibility of fire and imprisonment for knowing violations. [Intellection 9 — ITD Compliance Certification — Must be aloned by District Engineer or Duty Authorized Representative's Signature [Intellection 9 — ITD Compliance Certification — Must be aloned by District Engineer or Duty Authorized Representative information and evaluated the information contained fine in a system designed to sesure line qualified personnel properly gathered and evaluated the information contained fine in a system designed to sesure into qualified personnel properly gathered and evaluated the information contained fine information, the information contained is, to the best of my knowledge and belief, true, accurate, and completes.] In a waver that there are significant intermetities for submitting false information, including the possibility of fine and imprisonment for knowing violations. [Intellection of the person of persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and completes.] In an waver that there are significant intermeties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [Intellection of Authorized Representative's S				3/10/14
i certify under panalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gathered and evaluated the information contained therein. Based of property gathered and evaluated the information or persons who manage the system, or those persons directly responsible for gathering the Information, the Information contained is, to the best of my knowledge and belief, true, accourate, and complete. I am aware that there are significant impailed for submitting false information, including the possibility of fine and imprisonment for knowing violations." Prime Contractor or Duly Authorized Representative's Signature Project Engineer, Project Engineer, Project Engineer or Duly Authorized Representative's Signature Section 9 - ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative in certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gathered and evaluated the information contained therein. Based only inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant benefits of submitting false information, including the possibility of fine and imprisonment for knowing violations." District Engineer or Authorized Representative's Name (Type or Prim) Field Bartolome, PE District Engineer or Authorized Representative's Signature. District Engineer or Authorized Representative's Signature.		· ·		
Prime Contractor or Duly Authorized Representative's Signature Contractor or Duly Authorized Representative's Signature Contractor or Duly Authorized Representative	"I certify under panalty of law that this document and all attachme with a system designed to assure that qualified personnel proper my inquiry of the person or persons who manage the system, or t information contained is, to the peet of my knowledge and belief, penalties for submitting false information, including the posability Prime Contractor or Duly Authorized Representative's Name (Type or Pri	ents were prepared under no by gathered end evaluated to chose persons directly resp frue, accurate, and comple of fire and imprisorment f ni)	the informationship one ible for the information of	lion contained therein. Based or gathering the information, the vare that there are significant
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District Sirgineer or Authorized Representative's Signature	I certify under panally of law that this document and all attactume with a system designed to assure that qualified personnel proper my inquiry of the person or persons who manage the system, or information contained is, to the best of my knowledge and belief, sensities for submitting false information, including the possibility brights Regimer or Authorized Representative's Name (Type of Fright)	onts were prepared under n by gathered and evaluated i those persons directly resp true, accurate, and comple of fine and imprisonment f Title	ny direction the informat onaible for de: I em av or:knowing	or supervision in accordance fron contained therein. Based or gathering the information, the ware that there are significant violations."
3/12/14		/	TTO INVOIC	
Distribution: Original - DE Copies - RE DEM. Dist. Env. HQ ENV SWPP Contractor	W. S.		·	3/12/14

ITD 2802, Rev. 11-28-12

Page 5 of 5



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:	Geographic Area:	
Current Conditions	Idaho 💌	_C GO

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- March 5, 2014
- Read the Mobile Site Tutorial Try it (http://m.waterdata.usgs.gov) from your mobile device!
- · New improved user interface.
- Full News

Click to hide state-specific text

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During winter months, stage and discharge may be affected by ice in the channel. Data values reported on these pages may be significantly higher or lower than the actual streamflow. Adjustments to the data will be done after detailed analyses. Ice affected values identified on graphs (•) may be viewed by choosing the table output format. If you have questions about these values, please contact the <u>Idaho Water Data Maintainer</u>.

PROVISIONAL DATA SUBJECT TO REVISION

USGS 12413500 COEUR D ALENE RIVER NR CATALDO ID

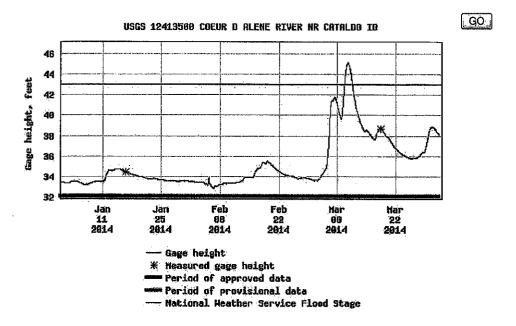
Gage height, feet

Most recent instantaneous value: 38.16 04-01-2014 06:30 PDT Next

Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits



Create $\underline{\text{presentation-quality}}$ / $\underline{\text{stand-alone}}$ graph. Subscribe to $\underline{\text{2}}$ WaterAlert

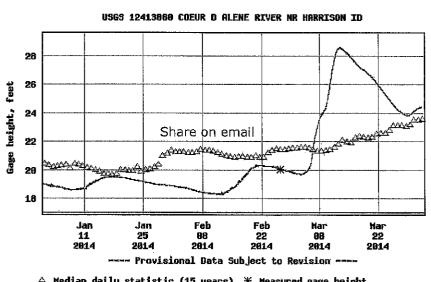
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USGS 12413860 COEUR D ALENE RIVER NR HARRISON ID

Gage height, feet

Most recent instantaneous value: 24.42 04-01-2014 06:20 PDT

<u>Prev</u> Next



Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

۳.

GO

△ Median daily statistic (15 years) ※ Measured gage height
— Gage height — Operating limit (minimum)

Create presentation-quality / stand-alone graph. Subscribe to WaterAlert

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Daily gage height, feet -- statistics for Apr 1 based on 18 years of record more

	25th			Most Recent 75th		
Min (2008)	percen- tile	1 1	Median	Instantaneous Value Apr 1	ı- ,	Max (1997)
20.95	21.94	23.52	23.56	24.42	24.86	26.63

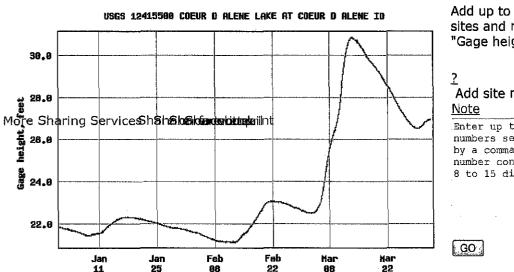
USGS 12415500 COEUR D ALENE LAKE AT COEUR D ALENE ID

Gage height, feet

Most recent instantaneous value: 26.95 04-01-2014 06:30 PDT

Prev

<u>Next</u>



2014

Provisional Data Subject to Revision

2014

2014

Add up to 2 more sites and replot for "Gage height, feet"

Add site numbers

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

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2014

Mosa areathing of apprices hand loss desired being anil no

2014

USGS <u>12417610</u> SPOKANE RIVER NR COEUR D ALENE LAKE OUTLET @CDA ID

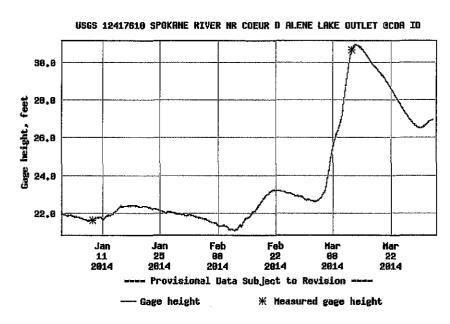
Gage height, feet

Most recent instantaneous value: 26.96 04-01-2014 06:28 PDT

2014

<u>Prev</u>

<u>Next</u>



Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

GO

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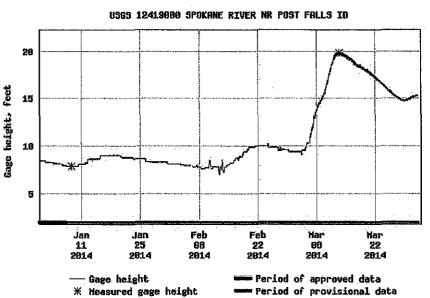
USGS 12419000 SPOKANE PHYSIR NR BOST FALLS ID

Gage height, feet

Most recent instantaneous value: 15.32 04-01-2014 06:30 PDT

<u>Prev</u>

<u>Next</u>



Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

GO

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Title: USGS Current Conditions for Idaho URL: http://waterdata.usgs.gov/id/nwis/uv?

Page Contact Information: <u>Idaho Water Data Maintainer</u>

Page Last Modified: 2014-04-01 10:24:25 EDT

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Stormwater Complianceinspection

ITD 2802 (Rev. 11-26-12) lid.idaho.gov

Inspection Identification Number*1-09462-75

"identification Number is created automatically once District Number, Key Number, and inspection Number have been entered.

	- Li olect ittioi							
Key Number	Project Number			Project Name				
09462	STP-5723(100) Burma Rd; Gotham Bay Rd to					ومرجون المستحدد والمستحدد والمستحد والمستحدد والمستحد والمستحدد والمستحد والمستحدد والمستحد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والم		
ITO District	Resident Engineer	*						DES Tracking No.
1	Todd Bartolom	9						20962
Prime Contracto	ir's Name		1	18 Tracking No.			NOT !!	Yes, Date NOT Filed
Apollo, Inc.			IDR12C974	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Yes	⊠ No		
Section 2	Inspector In	formation						
inspected By						•	leation	Program Number (IQP)
	dins and Teresa	Neumann			22	,155		
Inspector(s) De		The section	or a sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-		/DO14	remit make made	nsd m.	ali.
⊠Joint ITD	and WPCM	ITD Enviror	mental Lic	ontractor's V	/PGW	Other/	3 P8	rty
Section 3-	inspection ar	nd Weather In	formation			•		
Inspection No.	Current Inspect	on Date	Į.	pection Date		Number of D	laye Sin	es Last Inspection
75	3/6/2014		3/5/2014			1		
Reason for Inc	pection	Explanation (if re	equired)			, , , , , , , , , , , , , , , , , , ,	***	
☐ Routine	🗵 Rein Event	L						
*	r Conditions and Ter	outator		ch measureable (•			
overcast 50	degrees F.	984 An en salan	Rain Gag	e located in o	contractor	s yard show	ed 0.8	in.
Section 4	Construction	nand Stabiliza	tion/SWPPPR	tecordkeep	ing Stat	us		
Estimate the	construction site	and construction	support activity	area currently	/ disturbed	d and unstabl	lized.	3 Acres *
Estimate the erosion contr		and construction	n support activity	area current	y <u>tempore</u>	urily stabilized	with	9 Acres
with <u>erosion</u>	controls, or that I	has <u>vet to be dis</u>	n support activity turbed by constru	uction activitie	s and is ti	nerefore stabi	lized.	15 Acres
Provide the t should add u narrative, and	p to this amount	isturbance expe , and it should m	cted, or the total atch what is sho	project footpr wn on the pro	int. The priect plans.	revious 3 box , SWPPP	es	28 Acres
The SWPPP installation.	reflects the mos	current project	conditions includ	inggrading, si	abilization	1, and BMP		⊠Yes ∐No
Provide the c	ate of the most	recent SWPPP (pdate or modific	ation.				3-8-2014 CA 17
Comments Due to slopes failures and loss of RFM on the slopes throughout the project the unstabilized figure has gone up. *acreage is estimated compromised erosion bmps, not actual constructions.								
Section 5	Construction	Areas, Disch	arge Points, a	and Installe	d Contro			2/20/20
Construction	Annual Control of the	·						
****	Area	Sta	ation No. or Local	ion Description			ervatio	والمراجع المراجع المرا
	All areas stabilized for winter time shutdown with either permanent or temporary erosion the slopes throughout the project are failing. EFM has lost its effectiveness.							

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Page 1 of 6

Area	Station No. or Location Description	Observations
Oneite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 96 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Ptan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offeite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Aste sit Discharge Points - includes stormwater, non-stormwater, and other potential pollutant sources

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 116+80, 104+36, 96+50, 89+06, 64+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	Cuiverts are flowing at their maximum Un-able to control all the storm water run-off
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	Culverts are flowing at their maximum Un-able to control all the storm water run-off

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4,

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Turbidity sampling log shows current readings and details. Several areas are exceeding water quality standards

identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.8.c)
Hydro muich (erosion control on the stopes0 are falling and not operating effectively, Additional measures are needed. See Section 6
below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)
In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and

Type/Description of Control	permanent stabilization measures, and p Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-36+25 36+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 132+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Silt fence is currently full with snow 'No other observations to report.
Fiber Watties	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+80. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45 10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 it.	Wattles are covered in snow, unable to inspect. No reportable observations Hydro muich has jost its effectiveness. BFM is and has been washed away in
Hydro mulch/tackifier	56+00 to 78+00 lt. 101+00 it. to 123+00 it. 123+00 to 136+00 it.	numerous areas throughout the project revealing bare soil beneath.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	Many check dams have been washed away from the storm event. Sandbags are being used to help control the water at SH-97

inist and outlet protections	inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	Installed protections are not effective enough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 it. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6-Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
4	Burma Rd. and SH-97	Cut ditch to stop water from flowing across SH-97	3/8/2014
	intersection	sandbag this area to help control the water run-off	3/0/2014

identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Throughout project	Fix rills in Burma Rd. re-ditch and channel water accordingly.	Work will continue until finished. Temporary fixes will be completed by end of day 3/7/14
2	Throughout project	Water needs controlled and ditches need re-defined. Inlet and outlet protections need work	Work has began on day of 3/5/14
3	Throughout project	Slopes already mentioned in previous reports and corrective actions have gotten worse. More areas have appeared. Fix these areas as already planned	Work will continue until finished. Temporary fixes will be completed by end of day 3/7/14
4	Throughout project	Silt fences at west end of project are full with sediment and in need of repair.	end of day 3/7/14 Work has already began and will continue until finished.

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance Turbid discharges. Violation report sent 3/6/14 covers today yesterday.

Conditions	Triggeri	no	Corrective	Action	Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in Initial SWPPP)
- The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)

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Page 4 of 6

One of the prohibited discharges in CGP Part 2. material)	3.1 ie occurrit	ig or has occurred	(5.2.1.	.3) (Toxic or hazardous
Summary of inspection Findings - Check all t	hat apply			
☐No Maintenance Requirements were noted in th		spection report.		
All Maintenance Requirements noted in the pre-		-	en sati	sfactorily completed.
⊠All Maintenance Requirements noted in the pre-			****	• •
⊠NewMaintenance Regulrements have been ider			- 11	* · · · · · · · · · · · · · · · · · · ·
BMP Installation Requirements per SWPPP ha	-		-	ction report.
⊠Conditions existthat triggeredan entry into the C			-	•
☑ Conditions exist that triggered the need to subm		•		

Section 7 - Other Outstanding Items or Not Document Outstanding Isages or Other Project Information		edion e Correctivo A	dian ar	r Maintattenne Renuirement
Turbidity Sampling is currently being done once a				
In the areas as described in the 401 certification.				
List any Permits/Special Operating Conditions for the Prole 2012 Construction General Permit; US Army Corp		rs Permit # NWW	-2012	-601-802 June 8 2012: Idaho
Department Of Environmental Quality 401 Permit, J	lune 4 2012.			
		Key Number	Inspe	collon Number Current Inspection De
Section B - Inspection Certification		09462	75	3/6/2014
Primary Inspector's Name (Type or Print)				
Fory Buller Terrsia Neumann				
rimary inspector's Signature				Date Signed
AMIA Meyman	-			3-11-14
Water Pollution Control Manager (WPCM) Si	matura			
WPOM Name (Type or Print)	WP	ON Training Qualification	n Date	WPCM Training Qualification Number
Jeremy Jenkins	11/	21/2012		AGC-90-1120212012
NPCM Signature				Date Signed
				3/10/2014
Contractors Acknowledgment — Receipt of In have received a capy of this inspection report and bactions, and:	neen Informed reasons belov	l of Maintenance F	Require	ements and/or Corrective
Wust be signed by Prime Contractor or Duly Authoriz i certify under penalty of law that this document and all at with a system designed to assure that qualified personnel my inquiry of the person or persons who manage the syste information contained is, to the best of my knowledge and penalties for submitting false information, including the pos	tachments wer properly gathe em, or those pe belief, true, ac scibility of fine	s prepared under my red and evaluated th irsons directly respon ourate, and complete and imprisonment for Tills	e inform naible fo . I am r knowli	mation contained therein. Based or gathering the information, the awere that there are significant ng violations."
Prima Contractor of Duly Authorized Representative's Name (Typ Brett Brown,		Project En	2 11 1 W W.	
	DAT	Project En	ra Totac, os	Date Signed 3.10.14

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the

NTO 2802, Rev. 11-28-12

Page 5 of 6

	information commined is, to the deet of my knowledge and dailer, this, acclude, and complete. I am aware that there are algorithms						
	penalties for submitting false information, including the p		wing violations."				
1	District Engineer or Authorized Representative's Name (Type o	Print) Tile					
	Todd Bartolome, PE		esident Enginear				
Į	District Engineer or Authorized Representative's Signature		Date Startes				
l			3//2/14				
	Distribution: Original - DE Copies - RE DEM.	Diet. Env. HQ ENV SWPP	Contractor				

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ITD 2802 (Rev. 11-28-12 itd.idaho.go

Inspection Identification Number*1-09462-76

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1	- Project Information							•
Key Number	Project Number		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Project Name				
09462	STP-5723(100) Burma Rd; Gotham Bay Rd to JCT					JCT S	SH-97	
ITD District	Resident Engineer ITD NF					VPDES Tracking No.		
1	Todd Bartolome						IDR	12C962
Prime Contracto	r's Name	Con	ractor's NPDES	Tracking No.	Contracto	r Has Filed Their	NOT	If Yes, Date NOT Filed
Apollo, Inc.		IDR	R12C974		☐ Yes	⊠ No		
Section 2	Inspector Information							
Inspected By		***************************************			1	•	lification	Program Number (IQP)
	dins and Teresa Neumann				2	2,155		
Inspector(s) Des Joint ITD	-	vironment	al ∐Cor	ntractor's W	/PCM	☐ Other	/3 rd P	arty
Section 3	Inspection and Weathe	r Inform	ation					
Inspection No.	Current Inspection Date		Previous Inspe	ction Date		Number of	Days Si	ince Last Inspection
76	3/10/2014		3/6/2014			4		
Reason for ins	pection Explanation	(if required) /**	· · · · · · · · · · · · · · · · · · ·		······································		
☐ Routine	□ Rain Event		,					
Current Weather	Conditions and Temperature	· · · · · · · · · · · · · · · · · · ·	Describe each	neasureable p	recipitatio	n event since the	last ins	spection
Very rainy 4:	3 degrees F.		on the mom	ing of 3-10	-2014. I	t was not em	ptied	5 in. at 8:00 am at any time and
			read 0.3 in. Ithe rain gag		n. The c	contractor wa	s into	rmed to replace
Section 4	Constructionand Stab	ilization/	SWPPPRed	ordkeep	ing Sta	tus		
Estimate the	construction siteand constru	ction supp	ort activity are	ea currently	disturb	ed and unstab	ilized.	. 3 Acres *
Estimate the erosion contr	construction site and construction	uction supp	oort activity a	ea currenti	y <u>tempo</u>	r <u>arily</u> stabilize	d with	9 Acres
with <u>erosion</u> o	construction site and construction site and constructions, or that has yet to be	e disturbed	by construct	on activitie	s and is	therefore stab	ilized.	15 Acres
	otal acreage of disturbance of the control of the c						kes	28 Acres
The SWPPP installation.	reflects the most current pro	ject condil	ions including	grading, st	abilizatio	on, and BMP		⊠Yes □No
Provide the d	ate of the most recent SWP	PP update	or modification	on.				3-6-2014 CA 17
Comments C	Oue to slopes failures and loone up. * acreage is e	oss of BFI stimated	V on the slop	es through	out the	project the untrol BMP,	nstab not	ilized figure has construction
For any areas	activity Construction Areas, Dis not inspected, include the r					rois(BMPs)	Insp	3/28/201 ected Todd Bartolo
Construction		Station N	lo. or Location	Decoriotic	 	Λk.	servati	one
	Area		stabilized fo			······································	·	,,
A	t on a total content		tdown with ei					trol measures on
Areas Cleare	d, Graded, or Excavated		nt or tempor					ne project are
		controle			ralling	g. Brivi nas i	ost its	effectiveness.

`` Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Discharge Points - Includes stormwater, non-stormwater, and other potential pollutant sources

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	Culverts are flowing at their maximum Un-able to control all the storm water run-off
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emeraid Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	Culverts are flowing at their maximum Un-able to control all the storm water run-off

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Turbidity sampling log shows current readings and details. Several areas are exceeding water quality standards

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section below as well as the pictures and notes accompanied with the turbidity sampling log.

Aste sli

installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
	14+50-15+75 14+82-15+50	
,	16+10-18+-25 18+55-22+30	
	22+30-24+00 27+62-35+25	
1	35+22-39+80 39+80-58+38	}
	Contractors yard on South Carlin	
	Bay Rd. Around perimeter of	
	waste site. 1,900+ feet total.	
1	Continued silt fence another est.	•
· 1	500 feet on the south east line	1
	Perimeter controls58+38 rt. To	1 .
	77+83, 77+83 rt. Paralleling Carlin	
İ	Bay rd. est. 75 feet. Installed Wire	1
į	backed silt fence. Altered silt	
[.	fence location from SWPPP plan.	Silt fence is in need of repair throughout
1.	Moved fence down the slope to	the project. Sub contractor (North West
IIII GEGI CONTIONS	the project limits to allow for	Tree and Reclamation) is on site today an
	future clearing	began repairing fences.
1	78+40 to 92+00 rt.	
The state of the s		No other observations to report.
,	92+00 to 93+00 rt.	
	93+00 to 110+17.	
	110+00 to 152+24 as per SWPPP	
i i	Silt fence from 97+00 to 100+00	
	differs from SWPPP, fence runs	·
	continuous	
į,	All perimeter controls as per	
	SWPPP installed except those that	[
	would affect or be in the way of	
	traffic on Burma Rd.	
1	78+50 to 79+25 rt.	
1	120+60 Rt. 30 feet to the right	
. 1	70+99 to 119+00 rt. as per	
	SWPPP	
Y .	119+00 to 157+00.	1
		1
or waterop	145+45 rt.	No reportable observations
4-23-1 I	At outfall side of cross culverts,	
	STA's 68+00, 74+80, 75+40 left	
[4	and right 84+00, 89+20, 96+50	
	and 104+45	
(10+50 to 38+00	Hydro mulch has lost its effectiveness
i -	-	
· · · · · · · · · · · · · · · · · · ·		
	123+UU tO 136+UU IE.	liveay as a temporary measure.
	Rock check dams combined with	
i i	rock lined ditch @ STA 78+50 rt.	Managa ka ata dana kata ka an wasa ba a
	hill from and with inlet	used to help control the water at SH-97
	man alvar miss will miss.	•
iro muich/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 it. 56+00 to 78+00 it. 101+00 it. to 123+00 it. 123+00 to 136+00 it. Rock check dams combined with	Hydro mulch has lost its effective BFM is and has been washed awa numerous areas throughout the p revealing bare soil beneath. Crews began covering slopes with today as a temporary measure. Many check dams have been was from the storm event. Sandbags a

inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	Installed protections are not effective enough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	Additional plastic covering is being installed today. Locations will be updated in a future report. No other reportable observations

<u>Section 6</u>-Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	Throughout project	Fix rills in Burma Rd. re-ditch and channel water accordingly. (Due to continuing rain this work will also continue as needed.)	3/7/14

Identified During Current Inspection

item No.	Location	Action Required	Date to be Completed
1	118+80	repair culvert	3/11/14
2	Throughout project	water needs commoned and ditches need re-defined. Inlet and outlet protections need work (Still continuing this inspection)	Work has began on day of 3/5/14
3	Throughout project	Slopes already mentioned in previous reports and corrective actions have gotten worse. More areas have appeared. Fix these areas as already planned	Tentatively this work will resume 3/12/14
4	Throughout project	Silt fences at west end of project are full with sediment and in need of repair.	Work has already begun and will continue until finished.

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance Turbid discharges, Violation report sent 3/6/14 will also be a coontinuation for today.

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- No Maintenance Requirements were noted in the previous inspection report.
- All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have been</u> satisfactorily completed.
- All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed.

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⊠NewMaintenance Requirements have been identified in	the <u>cument</u>	inspection re	port.		
BMP Installation Requirements per SWPPP have been	identified Ir	the <u>current</u> l	nspect	ion report	
Conditions existinat triggeredan entry into the Corrective	Actions R	eporting Log I	in the 8	SWPPP pe	r CGP 5.4.
Conditions exist that triggered the need to submit an ITE	2790.				
Section 7 - Other Outstanding Items or Notes					
Document Outstanding Issues or Other Project Information Not Des	ignated as a	Corrective Ac	lion or l	Maintenance	e Requirement
Turbidity Sampling is currently being done once a week or in the areas as described in the 401 certification.	when pre	cipitation acc	umala	nions reac	n .5 inch or more.
List any Permits/Special Operating Conditions for the Project	·			<u></u>	
2012 Construction General Permit; US Army Corps of Eng		mit#NWW-:	2012-6	601-B02 J	ine 8 2012; Idaho
Department Of Environmental Quality 401 Permit, June 4 2	012.		****		race and anomalication in the
Section 8 - Inspection Certification		Key Number 09462	inspec 76	Xon Wumber	Current Inspection Date 3/10/2014
Primery Inspector's Name (Type or Print)		·		40 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 	
Teresa Neumann					
Primary Inspector's Signature				Date Sig	
Geresa Neumann			·	15-7	1-14
Water Pollution Control Manager (WPCM) Signature	,				
WPCM Name (Type or Print)	WPCM Trail	ning Qualification	Date	WPCM Train!	ng Qualification Number
Jeremy Jenkins	11/21/20	12	- 1	AGC-90-1	120212012
WPCM Signature	***	1		Date Sig	ned
				3/10	7/14
I have received a copy of this inspection report and been info Actions, and: I agree with the inspection findings I disagree with the inspection findings (specify reasons in the inspection findings)	below)				
If contractor disagrees with findings and recommended Maintenance Require	emente ancvo	r Centectivo Acua	ius' sbe	City ressoned	tile space balow
Must be signed by Prime Contractor or Duly Authorized Reprint Contractor or Duly Authorized Reprint Control of Contractor or Duly Authorized Reprint Control of Contr	s were prepa pathered and se persons d e. accurate.	l evaluated the directly respons and complete.	informa ible for I am a	ation contain gathering to ware that th	ned therein. Based on he information, the are are significant
Prime Contractor or Duly Authorized Representative's Name (Type or Print)		Title			
Brett Brown,		Project Eng			
Prime Contractor or Duly Authorized Representative's Signature	Brance of	igitally signed by Brett Brow Nicos-Brett Brown, cs-Apoll J. email-brett billa polito-got Etg. Sign 2014 0314 1871 000 3-17	oine. com,	Date 619 3/14	лва /2014
Section 9 - ITD Compliance Certification - Must be :	•		r or Fie	ilv Authoriz	ad Representative
"I certify under penalty of law that this document and all attachments with a system designed to assure that qualified personnel property g my inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of District Engineer or Authorized Representative's Name (Type or Print)	were prepa athered and se persons o e, accurate,	red under my of levaluated the directly respons and complete.	lirection information ible for I am a	n or supervi ation contain r gathering to ware that th	sion in accordance ned therein. Based on he information, the ere are significant
Todd Bartolome, PE		}	Resi	dent Engi	néer
District Engineer or Authorized Representative's Signature	(1)		· · · · · · · · · · · · · · · · · · ·	Date Sig	
-//				Bre	2019
	Dist. Env.	HQ ENV SW	PP C	Contractor !	•



Stormwater Complianceinspection

ITD 2802 (Rev. 11-28-12) itd.ideho.gov

Inspection Identification Number*1-09462-77

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

key Number	Project Number					Project Name									
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Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pite from erosion control work located in contractor's staging area. Waste pile is covered with plastic. No other reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Ideho Comer of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrences and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

sto sit

Discharge Points — Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the installed Courtests (RMSs) table before

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 116+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+60	No reportable observations this inspection
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch fine water)	No reportable observations this inspection

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)
Turbidity sampling log shows current readings and details. See log for more details.

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Additional controls are needed to stabilize the project throughout. Work is in progress.

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Installed Controls (BMPs)
In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and saddment controls temporary or permanent stabilization measures, and poliution prevention measures.

sediment controls, temporary or	permanent stabilization measures, and j	collution prevention measures
Type/Description of Control	Station No. or Location Description	Observations
	14+50-15+76 14+82-15+50	
	16+10-18+-25 18+55-22+30	
	22+30-24+00 27+62-35+26	'
<u>}</u>	35+22-39+80 39+80-58+38	}
	Contractors yard on South Carlin	.
	Bay Rd. Around perimeter of	
	waste site. 1,900+ feet total.	1
	Continued silt fence another est.	1
	500 feet on the south east line	
1	Perimeter controls58+38 rt. To	
	77+83, 77+83 rt. Paralleling Carlin	
	Bay rd. est. 75 feet. Installed Wire	
	backed silt fence. Altered silt	i ·
Į.	fence location from SWPPP plan.	1
Perimeter controls	Moved fence down the slope to	
(Silt fence)	the project limits to allow for	No reportable observations
faste sesumes	future clearing	
	78+40 to 92+00 rt.	
	92+00 to 93+00 rt.	
•	93+00 to 110+17.	
1	110+00 to 152+24 as per SWPPP	
	Slit fence from 97+00 to 100+00	
<u> </u>	differs from SWPPP, fence runs	
Ì	continuous	
	All perimeter controls as per	·
į	SWPPP installed except those that	
	would affect or be in the way of	
•	traffic on Burma Rd.	
1	78+50 to 79+25 rt.	
1	120+60 Rt. 30 feet to the right	
	70+99 to 119+00 rt. as per	
	SWPPP	·
·	119+00 to 157+00.	
	145+45 rt	
Fiber Wattles	• • • • • • • • • • • • • • • • • • •	No reportable observations
	At outfall side of cross culverts,	
'	STA's 68+00, 74+80, 75+40 left	
	and right 84+00, 89+20, 96+50	
· · · · · · · · · · · · · · · · · · ·	and 104+45 10+50 to 38+00	I bedre well-bas less the second
	11+00 to 24+50. Lt.	Hydro mulch has lost its effectiveness.
		BFM is and has been washed away in
Hydro mulch/tackifier	24+50 to 56+00 lt. 56+00 to 78+00 lt.	numerous areas throughout the project
Living indictivation		revealing bare soil beneath.
•	101+00 it. to 123+00 it.	Crews began covering slopes with plastic
	123+00 to 136+00 it.	on 3/10/14 as a temporary measure.
the state of the s	Rock check dams combined with	
	rock lined ditch @ STA 78+50 rt.	
Check dams, berms, sandbags	(north side of Carlin Bay Rd.)	Many check dams have been washed away
etc.	Rock check dams installed up	from the storm event. Sandbags are being
	hill from and with inlet	used to help control the water at SH-97
	protections	
	i hi nizgrinis	

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5- 2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	Installed protections are not effective enough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	Additional plastic covering is being installed. Locations will be updated in a future report. No other reportable observations

Section 6-Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

item No.	Location	Action Taken	Date Completed
1	Throughout project	Water needs controlled and ditches need re-defined. Inlet and outlet protections need work (Still continuing this inspection)	Work has began on day of 3/5/14
2	Throughout project	Slopes already mentioned in previous reports and corrective actions have gotten worse. More areas have appeared. Fix these areas as already planned	this work resumed 3/12/14
3	Throughout project	Silt fences at west end of project are full with sediment and in need of repair.	Finished 3/11/14

Identified During Current Inspection

(OOIII)	na band samont mabari	ioti :	
Item No.	Location	Action Required	Date to be Completed
		Work on stabilizing project is currently in action.	
1		Continue with the items as identified in previous	N/A
		reports.	

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- No Maintenance Requirements were noted in the previous inspection report.
- All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have been</u> satisfactorily completed.
- All Maintenance Requirements noted in the previous inspection report have not been satisfactorily completed.
- NewMaintenance Requirements have been identified in the <u>current</u> inspection report.
- ☐ BMP Installation Requirements per SWPPP have been identified in the <u>current</u> inspection report.

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Conditions existinat triggeredan entry into the Corrective		ng Log in the	SWPPP pe	or CGP 5.4.
Conditions exist that triggered the need to submit an IT	D 2790.			
Section 7 - Other Outstanding Items or Notes Document Outstanding Issues or Other Project Information Not Dec	denstad se a Corre	ctive Action o	r Mointananc	e Remirement
The project WPCM Jeremy Jenkins will no longer be the Nesource Planning Unlimited will be the new Replacement March 2014.	NPCM after this	week ending	x 3/14/14. S	Shelly Gillmore of
List any Permite/Special Operating Conditions for the Project 2012 Construction General Permit; US Army Corps of Eng Department Of Environmental Quality 401 Permit, June 4 2	gineers Permit# 012.	NWW-2012	-601-B02 J	une 8 2012; Idaho
Section 8 - Inspection Certification	Key N 0946		ection Number	Current Inspection Date 3/12/2014
Primary Inspector's Name (Type or Print)				·
Randy Durland				
Primary in Special Spe			Date Sig	ned /4/ /4
Water Poliution Control Manager (WPCM) Signature				
WPCM Name (Type or Print)	-	allication Date	1	ng Qualification Number
Jeremy Jenkins WPCM Signature	11/21/2012		Data Sia	120212012
			3/	3/14
I agree with the inspection findings idisagree with the inspection findings (specify reasons) if contractor disagrees with findings and recommended Maintenance Require		live Actions, sp	acify reasonal	the space below
Must be signed by Prime Contractor or Duly Authorized Reprinced in Judy and all attachments with a system designed to assure that qualified personnel properly gony inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, true penalties for submitting false information, including the possibility of Prime Contractor or Duly Authorized Representative's Name (Type or Print) Brett Brown.	were prepared un pathered and evalua- se persons directly e, accurate, and co fine and imprisonm Title	ated the inform responsible fo mplete. I am	nation contain or gathering to aware that th ng violations.	ned therein. Based on he information, the ere are significant
Prime Contractor or Duly Authorized Representative's Signature	- Mohallashaadh	Cast Bases	Dale Sig	ned
Est	Chica-Breithean const-treithean Date 201403.144	n, selpe le lec, ou de gezon, e-179 7,51,08-9740		/2014
Section 9 ITD Compliance Certification - Must be a description of the person of law that this document and all attachments with a system designed to assure that qualified personnel property given inquiry of the person or persons who manage the system, or the information contained is, to the best of my knowledge and belief, true pensities for submitting false information, including the possibility of District Engineer or Authorized Representative's Name (Type or Print) Todd Bartolome, PE District Engineer or Authorized Representative's Signature	were prepared un athered and evalue se persons directly e, accurate, and co fine and imprisonm	ier my direction ted the inform responsible fo molete. I am	on or supervi- nation contain or gathering the aware that the ng violations."	sion in accordance ned therein. Based on he information, the ere are significant neer
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ITD 2802, Rev. 11-28-12



Routing for Signatures mplianceInspection

ITD 2802 (Rev. 11-28-12) itd.idaho.gov

Inspection Identification Number*1-09462-78

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 -	Project	Information
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	- Project Infor							
Key Number	Project Number			Project Name				
09462	STP-5723(100)			Burma Rd; Gotham Bay Rd to JCT SH-97				
ITD District	Resident Engineer					ITD	TD NPDES Tracking No.	
1	Todd Bartolome, LHTAC [East Side Hwy District IDR12C968]					IDF	R12C962	
Prime Contracto	r's Name	***************************************	Contractor's NPDES Tracking N	lo. Contra	actor Has Filed Their	NOT	If Yes, Date NOT Filed	
Apollo, Inc.			IDR12C974	Y	es 🗵 No	_		
Section 2	Inspector Inf	ormation						
Inspected By					ITD Inspector Qua	lification	on Program Number (IQI	
Shelly Gilmo	ore, Teresa Nue	nann					22/55	
Inspector(s) Des	signation		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<u> </u>			
⊠Joint ITD	and WPCM	☐ITD Environm	ental Contractor's	WPCN	1 🗌 Other	/3 rd F	Party	
Section 3	Inspection an	d Weather Info	rmation		7,007			
Inspection No.	Current Inspection	n Date	Previous Inspection Date		Number of	Days 8	Since Last Inspection	
78	3/19/2014		3/12/2014		. 7		•	
		Explanation (if requ		·	. 7		,	
Reason for Ins		Explanation (if requ			. 7	.	,	
Reason for Ins	pection		rired) Describe each measureat		ation event since the	last ir	nspection	
Reason for Ins Routine Current Weather	pection Rain Event Conditions and Terr		Describe each measureat Rain guage located		ation event since the	last ir	nspection	
78 Reason for Ins ⊠ Routine Current Weather Cloudy, mid	pection Rain Event Conditions and Terr		rired) Describe each measureat		ation event since the	last in	nspection	

. 3 Acres *
. 3 Acres *
10 Acres
. 15 Acres
28 Acres
⊠Yes □No
3-10-14 CA 18
ilized total has not construct

activity, much of the area covered in plastic

<u>Section 5</u>—Construction Areas, Discharge Points, and Installed Controls (BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Агеа	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing predominantly due to hillside seeps and slope failure. Plastic is being placed on the slopes at the time of this inspection as a temporary measure. Rock is also being placed in areas. See SWPPP Appendix H.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and waste soil. Waste soil needs erosion protection. No other reportable observations.
Offsite Waste / Borrow / Stockpiles	ConMat's pit, Hayden Idaho Corner of HWY 95 and HWY 53	Commercial site; site not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd) job trailer, fuel storage, portable restrooms, building material storage, equipment storage, trash receptacles. Administration office (off South Carlin Bay Rd) job trailers, portable restroom.	Fuel storage tank located at contractor's yard. 12,000 gallon tank is double walled, no spill containment required on tank itself. See SPCC Plan. 550 gallon hydraulic oil tank in earthen depression. Non permeable spill containment needs to be maintained under 550 gallon tank and under fuel pump on 12,000 gallon tank.
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83); End of project (station 153+12	No reportable observations.

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below

Type of Discharge Point	Station No. or Location Description	s them in the Installed Controls (BMPs) table below. Observations
Cross culvert along Burma Rd	St 27+50	Minimal flow, some visible turbidity.
Cross culvert along Burma Rd	St 40+61	No flow.
Cross culvert along Burma Rd	St 50+00	Minimal flow, some visible turbidity.
Cross culvert along Burma Rd	St 52+50	High flow from off site, no visible turbidity.
Cross culvert along Burma Rd	St 55+73	High flow from off site with no visible turbidity; visible turbidity up and down station from roadside ditch contributions.
Cross culvert along Burma Rd	St 61+70	Moderate flow from off site with no visible turbidity; visible turbidity from stabilization work up station.
Cross culvert along Burma Rd	St 68+30	Minimal flow, some visible turbidity.
Cross culvert along Burma Rd	St 74+84	No flow,
Cross culvert along Burma Rd	St 84+18	Low flow, some visible turbidity.
Cross culvert along Burma Rd	St 104+36	Low flow, some visible turbidity.
Cross culvert along Burma Rd	St 118+80	Low flow, some visible turbidity.
Cross culvert under Emerald Dr	St 119+20	Moderate flow, some visible turbidity.
Cross culvert along Burma Rd	St 140+60	Low flow.
Cross culvert along Burma Rd	St 146+25	Low flow, some visible turbidity.
Turner Creek flow through box culvert along Hwy 97 to Cd'A Lake	Hwy 97	High flow, visibly turbid plume in lake

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	 	and the second s	
	 		
	 		
	 		
	 		
	 		
	 		
	 		
	 		
	 		
	 		
·	 		

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Turbidity monitoring log shows current readings and details. See turbidity monitoring log for more details.

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Additional controls are needed to stabilize failing slopes throughout the project; work is in progress; see SWPPP Appendix H.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	Stations 14+50-15+75; 14+82- 15+50;16+10-18+25; 18+55- 22+30;22+30-24+00; 27+62- 35+25;35+22-39+80; 39+80- 58+38; Contractors yard on South Carlin Bay Rd. around perimeter of waste site; 58+38 - 77+83; Paralleling Carlin Bay Rd; 78+40 - 92+00; 92+00 - 93+00; 93+00 - 110+17; 110+00 - 152+24	Silt fence from St 51+80 up station loose at top. Silt fence ~St 120+00 to 121+60 needs repaired and cleaned out.
Fiber Wattles	Stations 70+99 - 119+00; 119+00 - 157+00;145+45; At outfall side of cross culverts, 68+00, 74+80, 75+40 left and right, 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	Stations 10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been sloughed away in numerous areas throughout the project revealing bare soil beneath (see Section 7). Crews began covering slopes with plastic on 3/10/14 as a temporary measure and adding rock to slopes.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditches, straw wattles, sandbag check dams, etc. in roadside ditch (north side of Carlin Bay Rd)	Many check dams have been washed away or covered with sediment from storm events. Work continues to repair sediment source, effective check dams will be installed, and then quantity and locations will be identified.
Inlet and outlet protections	Stations 40+60, 61+90, 84+18, 89+06, 96+55, 104+40	
Misc. erosion control	Plastic stations 11+00 to 13+00 Lt; Walls 5 and 6; New alignment from estimated 129+00 to 137+50	Additional plastic covering is being installed (see SWPPP Appendix H).

Section 6-Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

item No.	Location	Action Taken	Date Completed
1	•	No actions reported in last inspection report.	
2			
3			

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
4		Work on stabilizing project is currently in action, see	
		Section 7.	

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- ⊠No Maintenance Requirements were noted in the <u>previous</u> inspection report.
- All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have been</u> satisfactorily completed.
- All Maintenance Requirements noted in the <u>previous</u> inspection report <u>have not been</u> satisfactorily completed.
- NewMaintenance Requirements have been identified in the <u>current</u> inspection report.
- BMP Installation Requirements per SWPPP have been identified in the <u>current</u> inspection report.
- Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.
- Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information <u>Not</u> Designated as a Corrective Action or Maintenance Requirement Slope failures across the project are contributing to visibly turbid water entering Turner Creek and Coeur d'Alene Lake. Work continues in an effort to prevent additional erosion from rain events by placing plastic on cut slopes and corrective measures, which includes removing sloghed soil and surfacing cut slopes with rock. The following is an updated list of current slope failure locations:

- Sediment accumulated at inlet and outlet and along silt fence 146+25
- Slope failure 140+60+
- Concentrated flow erosion 140+60, needs shaped and protected
- Slope failure 124+80
- Slope failure 123+70
- Slope failure 120+80
- Toe slope failure above cross culvert 118+80
- Slope failure 118+20 to 118+60
- Erosion from concentrated flow near 115+70, needs shaped and protected
- Slope failure 109+20 to 118+20
- Slope failure behind wall 108 to 109+20
- Slope failure 104+40 to 108
- Erosion from upland, off site concentrated flow at 104+40, needs to be shaped and protected
 - Sediment accumulation at 104+36 culvert on Burma Rd needs cleaned out

Slope failure Canton Lane cut slope continuing to 104+40 Unprotected slopes, near vertical cut slopes above wall 91 to 97+80 need erosion control (mulch) Slope failure 90+10 to 91+ Slope failure from concentrated flow 88+00, needs shaped and protected Slope failure at toe of slope 84+20 to 87+80 Slope failure 83+ to 83+80 Slope failure 79+ to 82+40 (some rock in place) Slope failure St 75+40 to 77+80 Sediment accumulation at the cross culvert inlet 74+80 Drainage pattern above culvert inlet 74+90 is eroding, needs shaped and stabilized Slope failure 74+80 Slope failure 71+-Reapply mulch (seed) on slopes of approach at 63+80 Slope failure 62+80 to 68+40 (installing plastic 64+) Slope failure 58+80 to 60+80 (installing plastic 3/19/4) Slope failure on private approach cut slope 58+80 (plastic installed) Outlet perimeter control full of sediment (59+) Slope failure 55+60 to 58+80 Slope failure 54+00 to 55+60 (plastic installed) Slope failure 53+60 to 55+60 Slope failure 51+80 from concentrated flow erosion, drainage pattern needs repaired and protected Slope failure 50+20 to 52+10 (plastic installed) Slope failure 50+10 to 50+20 Sediment accumulated at culvert inlet 50+10 Slope failure 48+60 to 50+00 (fill slope of Litton Ln) (plastic installed) Slope failure 43+20 to 45+00 Slope failure 40+40 to 41+90 Slope failure back slope of Skyview Dr St 38+40 to 40+40 (plastic on backslope of Skyview) Slope failure 36+15 Erosion on top end and both sides of down drain St 36+05 Slope failure 36+00 to 36+05 Slope failure 32+20 to 33+80 (plastic at power pole 33+40) Slope failure 31+00 to 32+20 (plastic at power pole near 31+) Slope failure 28+90 (plastic on slope) Sediment accumulated at culvert inlet St 27+70, needs to be removed Slope failure 23+70 to 26+00 (plastic on slope St 25+90) Slope failure 23+20 to 23+80 (some rock on slope) Slope failure at toe of slope 21+20 to 22+70 Slope instability (plastic 10+ to 11+) Sediment accumulated in roadside ditch along Hwy 97 List any Permits/Special Operating Conditions for the Project 2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Environmental Quality 401 Permit, June 4 2012. Key Number Current Inspection Date Inspection Number Section 8 - Inspection Certification 09462 78 3/19/2014 Primary Inspector's Name (Type or Print) Randy Durland, Teresa Nuemann, Tony Butler Primary Inspector's Signature Date Signed CLIMVEMM Water Pollution Control Manager (WPCM) Signature WPCM Training Qualification Date | WPCM Training Qualification Number WPCM Name (Type or Print) 8/23/2012 AGC-36-0822232012 Shelly Gilmore coally shoed by Shelly Gilmer Date Signed WPCM Signature o=Resource Planning Unlimited, Resource 3/19/14 Planning Unlimited, inc ITD 2802, Rev. 11-28-12 Page 5 of 6

Contractors Acknowledgment – Receipt of Inspection and A I have received a copy of this inspection report and been informed of M Actions, and:		
▼ I agree with the inspection findings		
$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $		
If contractor disagrees with findings and recommended Maintenance Requirements and	or Corrective Actions, specify	reasonsin the space below
Must be signed by Prime Contractor or Duly Authorized Representative "I certify under penalty of law that this document and all attachments were prep with a system designed to assure that qualified personnel properly gathered an my inquiry of the person or persons who manage the system, or those persons information contained is, to the best of my knowledge and belief, true, accurate penalties for submitting false information, including the possibility of fine and im	ared under my direction of d evaluated the information directly responsible for go , and complete. I am awa	on contained therein. Based on athering the information, the are that there are significant
Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title	
Breft Brown	Project Engineer	
Latter 1	igitally signed by Brett Brown N: cn=Brett Brown, o=Apollo Inc., ou, mail=brettb@apollo-gc.com, c=US ate: 2014,03.27 6:28:49 -07:00'	Date Signed 3/27/2014
Section 9 – ITD Compliance Certification - Must be signed by I "I certify under penalty of law that this document and all attachments were prep with a system designed to assure that qualified personnel properly gathered an my inquiry of the person or persons who manage the system, or those persons information contained is, to the best of my knowledge and belief, true, accurate penalties for submitting false information, including the possibility of fine and im District Engineer or Authorized Representative's Name (Type or Print)	ared under my direction of d evaluated the information directly responsible for grand complete. I am away	or supervision in accordance on contained therein. Based on athering the information, the are that there are significant
Todd Bartolome	LHTAC Reside	ent Engineer
District Engineer or Authorized Representative's Signature		Date Signed
Distribution: Original – DE Copies – RE DEM. Dist. Env.	HQ ENV SWPP Cor	ntractor

Appendix F Karissa Hardy (LHTAC) – 05/15/2014 Letter

Local Highway Technical Assistance Council

3330 Grace Street Boise, Idaho 83703

Phone 208.344.0565 Fax 208.344.0789 Toll Free 1.800.259.6841

www.lhtac.org



Dan Schaeffer Chairman

Don Ebert Vice Chairman

Mac Pooler Secretary/Treasurer

Lance Holmstrom, M.U.P. Local Highway Administrator

Date: May 15, 2014

To: Mr. Pat Stoll

EPA

Key No.:

09462

RE:

LHTAC Project Key #09462 Burma Road, Kootenai County, ID - 3/25/2014 EPA Site Inspection Follow-up

Dear Mr. Stoll,

This letter follows-up on the Burma Road project site inspection that you conducted on March 25, 2014, located in Kootenai County, Idaho and your several requests for supplemental information.

The Local Highway Technical Assistance Council (LHTAC), Eastside Highway District and Apollo Inc. (Contractor) have, for the overwhelming permitting time period, met state water quality standards and the conditions of the Construction General Permit. However, this project has experienced unforeseen, severe and unusual storm events in both the fall of 2013 and the spring of 2014 which will be described below.

In maintaining compliance with the Construction General Permit (CGP), and in a diligent response to the water quality concerns associated with these unexpected storm events, LHTAC (project administrator), Eastside Highway District (owner), and Apollo Inc. (contractor) have taken extraordinary steps to completely revamp erosion and sediment controls project wide in response to this unusual weather. This program was implemented in compressed time frames and with significant coordination with industry experts in sediment and erosion control, the Idaho Transportation Department (ITD), LHTAC, Eastside Highway District and Apollo Inc. The program elements included, among others, numerous trips from LHTAC staff (located in Boise, Idaho) to inspect the condition of the project site as well as site visits from ITD staff, and all with the goal of fully informing senior project administrators as to the appropriate course or action to be taken in responding to these unpredicted circumstances. Although these efforts generated a significant project expense (over \$1.3 million in additional erosion and sediment control Best Management Practices have been implemented to date), any practicable sediment and erosion control measures proposed were considered and implemented where appropriate and consistent with the CGP.

Extraordinary rain events occurred at the Burma Road Project site September 24th-25th (1.1 inches), 28th-29th (1.5 inches), and October 8th (0.65 inches). Typical monthly precipitation totals for this area (Harrison) in September range between 1.1 and 1.3 inches total of precipitation. The project site received over 3.6 inches of precipitation in September 2013 which is almost three times the local precipitation averages. These late September 2013 rain events resulted in severe weather and flash flood warnings in the area. Corrective actions and extensive stormwater pollution prevention plan modifications were implemented in response to these events. The priority placed on responding to permit compliance by the operators resulted in 100% site stabilization by late October and, as consistent with the CGP conditions, construction activities were ceased for the winter shut-down period.

All operators recognized the sensitive location of this project, including the proximity to waters and wetlands of the US, steep slopes and erosive soils, among others. Because of the environmentally-sensitive nature of this project, a collective decision was made to continue with weekly and rain event inspections throughout the winter shut-down period. The winter

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Ken Harward, Executive Director Association of Idaho Cities was an atypical winter with warmer than average temperatures and significant amounts of rain; however, the contractor was prepared to respond to the unusual weather conditions. Emergency response materials were stored at the project in October to promptly address any future unanticipated issues including rock stockpiles, plastic sheeting, sandbags, and standby equipment.

The following summarizes the unexpected storm events and operator project response, even though the project was shutdown for the winter pursuant to the CGP. Notwithstanding that the project was shut-down for the winter, the Contractor has continued to inspect the site throughout the shut-down period and has immediately returned to the site to initiate repair work when the inspections indicated the need for repairs.

Date	Specific Event Recap			
10/28/2013	The Burma project is 100% stabilized per plan for winter shut-down			
11/3/2013	0.7 inches of rain			
11/4/2013	Routine inspection. Inspector notes the need to secure plastic, site 100% stabilized			
11/6/2013	Routine inspection, site 100% stabilized			
11/7-11/8/2013	1.25 inches of rain			
11/8/2013	Rain inspection, slope related corrective actions identified, repair initiated (completed 11/14/2013).			
11/13/2013	Routine inspection, slope related corrective actions continuing (completed 11/14/2013, 100% stabilized).			
11/16-11/17/2013	1.6 cumulative inches of rain			
11/18/2013	Rain inspection, cracking noted in areas of mulch matrix, noted as areas to watch, site 100% stabilized			
11/19/2013	0.41 inches of rain			
11/20/2013	Rain inspection, cracking noted in areas of mulch matrix, noted as areas to watch, site 100% stabilized			
11/27/2013	Routine inspection, action items noted, needed additional plastic, silt fence maintenance, completed 11/27/2013, site 100% stabilized.			
12/2/2013	1.15 inches of rain in gauge			
12/2/2013	Rain inspection, maintenance needed on plastic, completed 12/2/2013, site 100% stabilized			
12/4/2013	Routine inspection, no action items, site 100% stabilized			
12/11/2013	Routine inspection, no action items, site 100% stabilized			
12/16/2013	0.5 Inches of rain			
12/16/2013	Rain inspection, no action items, site 100% stabilized			
12/17/2013	Rain inspection, no action Items, site 100% stabilized (no additional rain)			
12/24/2013	0.8 inches in gauge, mixture of previous snow (12/20/2013) and rain			
12/24/2013	Routine inspection, no action items, site 100% stabilized			
12/31/2013	0.2 inches of rain in gauge			
12/31/2013	Routine inspection, no action items, site 100% stabilized			
1/7/2014	0.2 inches of rain in gauge			
1/7/2014	Routine inspection, no action items, site 100% stabilized			
1/8/2014-1/9/2014	1.3 inches of rain			
1/9/2014	Rain inspection, no action items, site 100% stabilized			
1/11/2014	0.75 Inches of rain			
1/11/2014	Rain inspection, no action items, site 100% stabilized			

Date	Specific Event Recap
1/15/2014	0.2 inches of rain,
1/16/2014	Routine inspection, slope failures noted and LHTAC verbally issued an Avoid Verbal Order (AVO) to Apollo directing them to repair slopes immediately, received by contractor in writing on 1/17/2014
1/17/2014	Contractor had staff on site actively working on repairs, contractor has remained on site continuing to address slope failures
1/22/2014	Slope work temporarily paused during frozen period per LHTAC request to review a more effective method of repairing seep areas. The Contractor continued working at the site, including removal of ice dams created in roadside ditches, and monitoring of slopes.
1/29/2014	LHTAC met with ITD this date to review repair methods. Modifications were made and discussed with the Contractor; the modifications were submitted from LHTAC to the contractor in writing in an AVO, slope work continued.
2/4/2014	Contractor notified LHTAC that conditions were too cold to work (below zero degrees). Contractor shutdown during this frozen period.
2/5/2014	10-12" of snow accumulation
2/12/2014	LHTAC contracted on-site inspector from David Evans and Associates (DEA) deemed the site to be in acceptable condition on 2/12/2014, (project daily diary).
2/19/2014	Rain on snow inspection, documented additional slope failures and wearing of mulch matrix throughout project.
2/20/2014	LHTAC provided an AVO to Apollo with direction to repair immediately with plastic, rock and mulch . Contractor actively working on repairs.
2/24/2014	Additional 6" to 8" of snow accumulation.
2/25/2014	Contractor continues working actively on repairs. On-site meeting with LHTAC, DEA & Apollo to follow up on repair progress. (Apollo still continuing with repairs per 2/20/2014 AVO)
3/2/2014-3/3/2014	12" of snow accumulation in addition to approximate 12"+ on ground
3/4/2014	Apollo continuing to actively repair failed areas.
3/5-3/8/2014	RAIN ON SNOW EVENTS - Heavy Rain, flood warnings.(See attached stream gauge data)
3/5-3/8/2014	Contractor actively responding (was already on site and ready to respond in anticipation of the flood event) to concerns including, removal of ice from ditches, plastic placement, Vac trucks to clean sediment accumulation, rock cap placement, sediment removal from silt fences, sand bag placement, gravel berms, redirection of ditch flow. The Contractor's quick action increased roadside ditch storage capacity, prevented additional erosion, and retained turbid stormwater, particularly near the State HWY 97 intersection adjacent to Lake Coeur d'Alene. Two crews working overtime continued to work on corrective actions at the site throughout the remainder of the week.
3/9 - 11/2014?	Coeur d'Alene River near Cataldo, Harrison and the Spokane river. The stream gauge located at the Coeur d'Alene River near Cataldo noted the event as significantly above flood stage level and the stream gauge at the Coeur d'Alene River near Harrison is the highest event in the 18 year history of the stream gauge, significantly exceeding the 1997 maximum. (see attached records)
3/9/2014 thru 4/??/2014	Two crews working overtime continued to work on corrective actions at the site throughout the remainder of the week, at which time a third crew was added to expedite work. The Contractor continued to work exclusively on erosion and sediment control measures until the site was deemed stable again (April 2014).
4/1/2014	LHTAC issues AVO to stop slope repair work until soil conditions improve (supersaturated slopes at this time).
4/3/2014	Project site 100% Stabilized with the exception of Litten Lane Land Slide, additional eco-block barrier in place and functioning well in this area.

Additionally, below is a follow-up on other items noted by project staff at the time of your (Pat Stoll) inspection and the follow-up corrective actions that were completed. These are <u>in addition</u> to the corrective actions noted in the weekly updates to the Environmental Protection Agency (EPA):

- Additional plastic was added to slopes near state HWY 97 intersection and other areas (3/26)
- Additional sandbags arrived on 3/26/2014, and were placed on plastic sheeting to prevent wind wear and to create a continuous sandbag barrier on the top of plastic sheeting that was not trenched in
- Additional rock was placed at culvert outlets and sediment removed from check dams (3/28/2014)
- Sediment was cleaned out of the roadside ditch adjacent to state HWY 97 and relined with rock (4/3/2014)

We are happy to report compliance to state water quality standards throughout April and May even though the site has again endured significant and extraordinary rain events. The Local Highway Technical Assistance Council (LHTAC), Eastside Highway District and Apollo Inc. (Contractor) continue their commitment to meeting state water quality standards and the conditions of the Construction General Permit. Please contact me with any additional project related questions.

Sincerely,

Karissa Hardy

Digitally signed by Karissa Hardy DN: cn=Karissa Hardy, o=LHTAC, ou, email=khardy@lhtac.org, c=US Date: 2014.05.15 11:02:45 -06'00'

Karissa Hardy, P.E. LHTAC Staff Environmental Engineer khardy@lhtac.org 208-344-0565 office 208-841-2153 cell

Attachment: Stream gauge records

CC:

Sue Sullivan, Brad Wolfinger, ITD HQ Environmental Jeff Miles, P.E., Odo Grandi, PE, LHTAC, Randy Durland, David Suhr, PE, DEA Shelly Gilmore, CPESC, Resource Planning Unlimited Brett Brown, David Haight, Apollo Inc.



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During winter months, stage and discharge may be affected by ice in the channel. Data values reported on these pages may be significantly higher or lower than the actual streamflow. Adjustments to the data will be done after detailed analyses. Ice affected values identified on graphs (•) may be viewed by choosing the table output format. If you have questions about these values, please contact the <u>Idaho Water Data Maintainer</u>.

PROVISIONAL DATA SUBJECT TO REVISION

USGS 12413500 COEUR D ALENE RIVER NR CATALDO ID

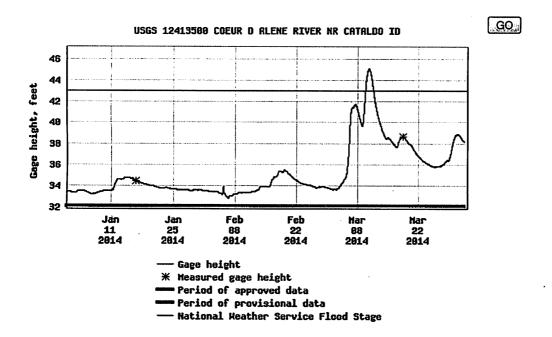
Gage height, feet

Most recent instantaneous value: 38.16 04-01-2014 06:30 PDT Next

Add up to 2 more sites and replot for "Gage height, feet"

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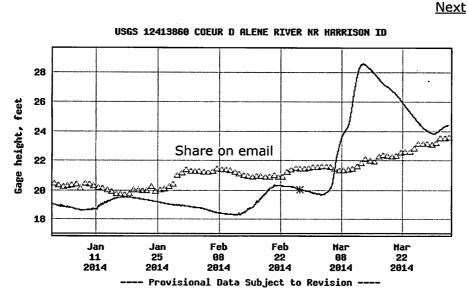
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USGS 12413860 COEUR D ALENE RIVER NR HARRISON ID

Gage height, feet

Most recent instantaneous value: 24.42 04-01-2014 06:20 PDT



 $\stackrel{\triangle}{-}$ Median daily statistic (15 years) $\stackrel{*}{*}$ Measured gage height $\stackrel{\frown}{-}$ Operating limit (minimum)

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Daily gage height, feet -- statistics for Apr 1 based on 18 years of record more

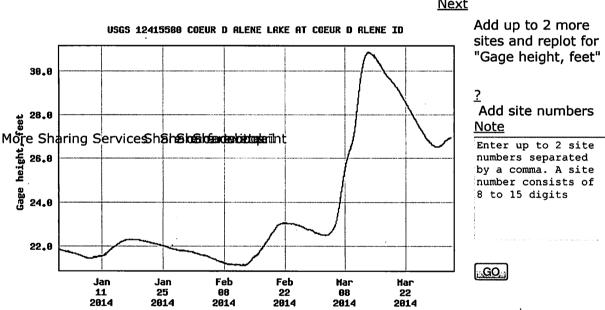
	25th			Most Recent	75th	
Min (2008)	percen- tile		Median	Instantaneous Value Apr 1		Max (1997)
20.95	21.94	23.52	23.56	24.42	24.86	26.63

USGS 12415500 COEUR D ALENE LAKE AT COEUR D ALENE ID

Gage height, feet

Prev Most recent instantaneous value: 26.95 04-01-2014 06:30 PDT

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USGS 12417610 SPOKANE RIVER NR COEUR D ALENE LAKE OUTLET @CDA ID

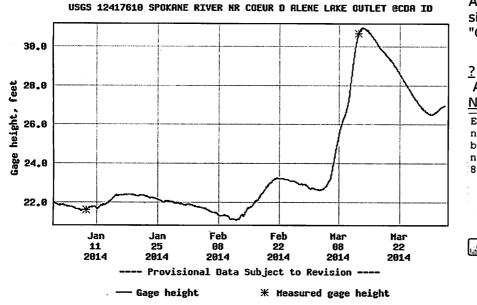
Provisional Data Subject to Revision -

Gage height, feet

Most recent instantaneous value: 26.96 04-01-2014 06:28 PDT

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<u>Next</u>



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USGS 12419000 SPOKANE RIVER NR BAST FALLS ID

Gage height, feet

<u>Prev</u> Most recent instantaneous value: 15.32 04-01-2014 06:30 PDT **Next** Add up to 2 more USGS 12419000 SPOKANE RIVER NR POST FALLS ID sites and replot for "Gage height, feet" 20 Gage height, feet Add site numbers 15 **Note** Enter up to 2 site numbers separated 10 by a comma. A site number consists of 8 to 15 digits 5 Jan Jan Feb Feb Har 11 25 60 88 GO 2014 2014 2014 2014 2014 - Gage height Period of approved data ■ Period of provisional data * Measured gage height

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Appendix G

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Photos – archive and low resolution

Terracon Geotechnical Reports

Stormwater Inspections 1-78